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California

1988-1989

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ANNUAL PLANNING INFORMATION

CALIFORNIA

1988-1989

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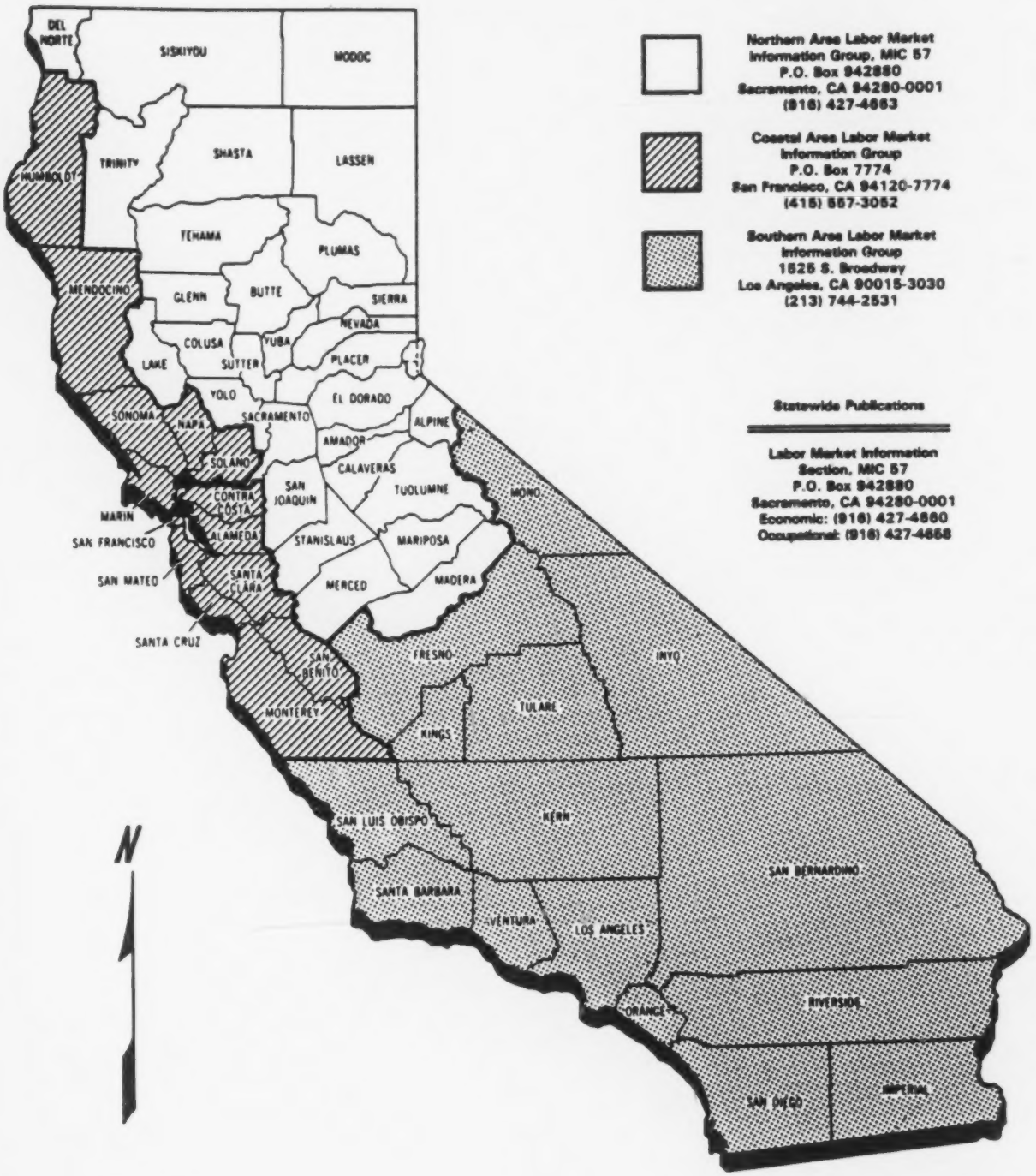

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FOREWORD

This report is designed primarily to meet the informational needs of governmental agencies, administrators, educators, researchers, and other interested persons. It provides analyses of recent changes in the labor market, a short-term outlook, and long-term trends.

Information is also available from the Employment Data and Research Division (ED&R) of California's Employment Development Department. ED&R carries out a comprehensive labor market information program for California and its many labor market areas. The major activities of ED&R are as follows:

- Developing monthly labor force, employment, and unemployment statistics for California, its counties, and selected cities;
- Publishing career guidance material, covering several hundred occupations, for the state's high school and community college students;
- Continually assessing local occupational training needs, as well as the local outlook for many, varied occupations; and
- Projecting future employment needs, by industry and occupation, for California and its major labor market areas.

While the Division maintains a wide array of labor market information products in published form, there are many instances in which information must be specially developed to meet the needs of specific users. To find out about available information or services, please contact one of the ED&R offices listed on the facing page.

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HIGHLIGHTS

In line with the slower pace of the national economy in 1987, the California economy continued its pattern of slow growth begun in 1985. The following labor market conditions characterize California's economic performance during 1987.

- The civilian labor force expanded by 413,000 individuals on an annual average basis to reach 13,747,000.

- The level of civilian employment rose to 12,955,000, increasing by 511,000 the number of persons employed over the 1986 annual average employment.

- The unemployment level declined by 98,000 persons on an annual average basis to average 792,000 for 1987.

- The unemployment rate declined from an average of 6.7 percent in 1986 to 5.8 percent in 1987.

- On an annual average basis, total nonagricultural wage and salary employment increased by 3.5 percent in 1987 as compared to a 2.5 percent gain in 1986.

As the recovery enters its sixth year, the economic outlook for California assumes the State's economy will continue to out-perform the national economy. As a consequence, the following labor market conditions are anticipated during the two-year forecast period:

- On an annual average basis, the State's labor force is expected to expand by 375,000 in 1988 and 343,000 in 1989.

- Civilian employment is forecast to average 13,368,000 and 13,670,000 in 1988 and 1989, respectively.

- In 1988, average unemployment is expected to decrease by 37,000 individuals. This decrease in unemployment represents a 4.7 percent decrease from the 1987 annual average for this statistic. During 1989, the level of unemployment is anticipated to rise by 41,000 persons or 5.4 percent from the 1988 level.

- The unemployment rate is forecast to average 5.3 percent in 1988 and 5.5 percent in 1989.

- It is anticipated that nonagricultural wage and salary employment will expand by 342,000 jobs in 1988 and average 12,000,000 for the year. During 1989, total wage and salary employment is expected to average 12,193,000, which represents an additional 193,000 jobs on an annual average basis.

GEOGRAPHIC PROFILE

California comprises 156,297 square miles of land area, third largest of the 50 states. The western extent of the state with a shoreline of over 1,200 miles is delineated by the Pacific Ocean. On the south border is Mexico, on the north, Oregon, and on the east are the states of Nevada and Arizona. The state is segregated into 58 counties; the largest of these is San Bernardino, which covers an area as large as the states of Connecticut, Massachusetts, and New Jersey combined. In fact, San Bernardino is the largest county in the United States. The State's width varies from 150 to 350 miles with a north-south medial line that is 780 miles in length. Within the borders of California is Mount Whitney, the highest peak in the contiguous United States at 14,494 feet above sea level, and Death Valley, at 282 feet below sea level, the lowest point in the Western Hemisphere. The distance between these two points is only 60 miles.

California has some 2,400 square miles of inland water. This includes mile-high Lake Tahoe on the California-Nevada border and the Salton Sea, located in the extreme southeastern part of California, in the heart of the desert, 241 feet below sea level. The state's major rivers are the Colorado, on the eastern border, and the Sacramento and San Joaquin, in the Central Valley. California has two natural landlocked harbors: San Francisco Bay (the largest landlocked harbor in the world) and San Diego Bay. The Port of Los Angeles is a manmade harbor protected by a breakwater; farthest north is Humboldt Bay, a shipping point for lumber and base of a large fishing fleet.

California, with its highly diverse terrain, consists of no less than eight major land regions. They include the following areas: the Klamath Mountains, which are located in the extreme northwest corner of the state; the Coastal Ranges, which extend southward from the Klamath Mountains to, but not including, the Sierra Madre range in Santa Barbara County; the Central Valley, which occupies an area between the Coastal Ranges to the west and the Sierra Nevada to the east; the Cascade Mountains, which extend northward from the Central Valley and occupy the north-central portion of the state; the Sierra Nevada, which is located in the east-central part of the state; the Basin and Range Region, which is the western extension of an arid area that occupies portions of Nevada and several other western states; and the Los Angeles Ranges, which are a group of small mountain ranges that extend eastward from Santa Barbara County.

Much of California's attraction and diverse economy is related to its abundant sunshine and equable temperatures. Most of California has two distinct seasons—mild, wet winters and relatively dry summers; only the higher elevations experience a four-season climate. Due to California's ocean coast and its wide variation in altitude, many different climates exist. The average July maximum temperature ranges from 64 degrees in San Francisco to 107 degrees in Imperial County. Annual rainfall in the state varies from about 80 inches at Crescent City in the extreme north to about 10 inches at San Diego at the extreme south. In San Francisco, the annual average rainfall is about 22 inches; in Los Angeles, 15 inches. In general, rains occur from October to May. In the mountains and northern part of the state, it rains 60 to 100 days per year; in the southern desert region, there may be as few as 10 days of rain.

POPULATION PROFILE

The estimated population of the state of California on January 1, 1988, was 28,019,000; this represents an increase of almost 4,351,000 individuals or 18.4 percent above the April 1, 1980, decennial Census figure. A year-over comparison indicates that the state's population has expanded by 681,000 or 2.5 percent above the January 1, 1987, population estimate.

As reported by the California Department of Finance, net migration (excess of in-migration over out-migration) accounted for well over half of the total growth in 1986-1987; natural increases accounted for the remainder. Between 1980 and 1987, 45.7 percent of the population increase was attributed to natural increase (i.e., births over deaths); net in-migration accounted for the remaining 54.3 percent.

Approximately 57 percent of the state's population resides in the seven most southern counties: Imperial, Los Angeles, Orange, Riverside, San Bernardino, San Diego, and Ventura. For the period between the April 1980 census and January 1988, the population of five of these southern counties increased by almost two and one-half million people—Los Angeles was up 1,078,500 residents; San Diego up 465,900; Orange up 305,800; San Bernardino up 345,000; and Riverside up 282,900. Los Angeles County, which had 8,555,900 residents or 31 percent of the state's population by the end of 1987, remained the most populous. Also, the city of Los Angeles with 3,361,500 individuals continued to be the largest city in the state. The greater Los Angeles metropolitan area, which includes Los Angeles and Orange counties, is home to 40 percent of the state's residents. Other counties in Southern California that experienced significant growth include Kern with 108,300 new residents and Fresno, which experienced a population increase of 91,400.

In Northern California, the largest population increase in absolute numbers over this period was experienced in Sacramento County with 178,500, followed by Santa Clara County with 136,500, Alameda County with 136,200, and San Joaquin County with 103,700. Of the nine counties in the state that experienced growth rates exceeding 30 percent, six were located in Northern California. In fact, Calaveras, Nevada, and Lake counties experienced growth rates exceeding 40 percent between 1980 and 1988.

During the nearly eight-year period since the 1980 Census, each county within California has experienced, in absolute numbers, population growth. However, when comparing population changes that occurred between January 1987 and January 1988, San Francisco, Modoc, and Alpine counties recorded actual decreases in population. While, in all cases, the absolute numbers are small, San Francisco led this short list with a loss of 1,000 residents.

Population estimates for California by sex and various age groups are listed in Table 2. Males outnumber females for all age cohorts through the 35-39 age group. In the 40-44 age cohort, males and females are present in approximately equal numbers (i.e., each sex comprises 50 percent of the total population). For all succeeding age cohorts, females outnumber males in progressively larger proportions through the 85+ age group, where there are more than two and one-half times as many females than males.

TABLE 1

TOTAL POPULATION OF CALIFORNIA COUNTIES
WITH ANNUAL PERCENT CHANGE

AREA	TOTAL POPULATION				ANNUAL PERCENT CHANGE		
	1980 CENSUS	JANUARY 1986	JANUARY 1987	JANUARY 1988	1986/ 1988	1986/ 1987	1987/ 1988
ALAMEDA	1,105,379	1,201,400	1,218,400	1,241,600	3.3	1.4	1.9
ALPINE	1,097	1,220	1,220	1,210	-0.8	0.0	-0.8
AMADOR	19,314	23,450	24,500	27,150	15.8	4.5	10.8
BUTTE	143,851	164,000	167,100	172,600	5.2	1.9	3.3
CALAVERAS	20,701	27,200	28,600	30,300	11.4	5.1	5.9
COLUSA	12,791	14,750	14,850	14,950	1.4	0.7	0.7
CONTRA COSTA	656,331	720,900	736,100	753,500	4.5	2.1	2.4
DEL NORTE	18,217	18,950	19,200	19,750	4.2	1.3	2.9
EL DORADO	85,812	105,700	110,500	116,700	10.4	4.5	5.6
FRESNO	514,621	578,900	590,100	606,000	4.7	1.9	2.7
GLENN	21,350	22,900	22,900	23,200	1.3	0.0	1.3
HUMBOLDT	108,525	112,400	112,900	114,900	2.2	0.4	1.8
IMPERIAL	92,110	105,800	108,200	111,100	5.0	2.3	2.7
INYO	17,895	18,050	17,950	18,100	0.3	-0.6	0.8
KERN	403,089	486,500	499,100	511,400	5.1	2.6	2.5
KINGS	73,738	85,300	85,900	92,000	7.9	0.7	7.1
LAKE	36,366	48,400	49,900	51,400	6.2	3.1	3.0
LASSEN	21,661	24,700	25,650	26,450	7.1	3.8	3.1
LOS ANGELES	7,477,421	8,246,200	8,418,600	8,555,900	3.8	2.1	1.6
MADERA	63,116	77,400	79,000	81,600	5.4	2.1	3.3
MARIN	222,592	225,900	227,000	228,400	1.1	0.5	0.6
MARIPOSA	11,108	13,400	13,800	14,300	6.7	3.0	3.6
MENDOCINO	66,738	73,700	74,500	75,600	2.6	1.1	1.5
MERCED	134,558	162,700	164,000	168,600	3.6	0.8	2.8
MODOC	8,610	9,400	9,300	9,250	-1.6	-1.1	-0.5
MONO	8,577	9,150	9,150	9,350	2.2	0.0	2.2
MONTEREY	290,444	335,700	340,200	346,100	3.1	1.3	1.7
NAPA	99,199	104,000	104,900	105,800	1.7	0.9	0.9
NEVADA	51,645	69,200	72,100	75,300	8.8	4.2	4.4
ORANGE	1,932,921	2,151,500	2,195,700	2,238,700	4.1	2.1	2.0

TABLE 1 (CONTINUED)

TOTAL POPULATION OF CALIFORNIA COUNTIES
WITH ANNUAL PERCENT CHANGE

AREA	1980 CENSUS	TOTAL POPULATION JANUARY 1986	JANUARY 1987	JANUARY 1988	ANNUAL PERCENT CHANGE 1986/ 1988	1986/ 1987	1987/ 1988
PLACER	117,247	139,900	145,300	151,800	8.5	3.9	4.5
PLUMAS	17,340	19,300	19,600	19,950	3.4	1.6	1.8
RIVERSIDE	663,199	838,700	887,400	946,100	12.8	5.8	6.6
SACRAMENTO	783,381	901,100	930,100	961,900	6.7	3.2	3.4
SAN BENITO	25,005	31,000	32,450	34,100	10.0	4.7	5.1
SAN BERNARDINO	895,016	1,109,300	1,167,000	1,240,000	11.8	5.2	6.3
SAN DIEGO	1,861,846	2,165,500	2,248,500	2,327,700	7.5	3.8	3.5
SAN FRANCISCO	678,974	736,000	742,300	741,300	0.7	0.9	-0.1
SAN JOAQUIN	347,342	421,500	437,200	451,000	7.0	3.7	3.2
SAN LUIS OBISPO	155,435	192,100	198,100	204,300	6.4	3.1	3.1
SAN MATEO	587,329	614,000	620,100	627,500	2.2	1.0	1.2
SANTA BARBARA	298,694	335,100	340,000	345,000	3.0	1.5	1.5
SANTA CLARA	1,295,071	1,398,900	1,415,100	1,431,600	2.3	1.2	1.2
SANTA CRUZ	188,141	215,000	220,400	225,400	4.8	2.5	2.3
SHASTA	115,715	131,300	133,800	137,000	4.3	1.9	2.4
SIERRA	3,073	3,420	3,390	3,520	2.9	-0.9	3.8
SISKIYOU	39,732	42,400	42,650	43,250	2.0	0.6	1.4
SOLANO	235,203	281,100	292,500	303,500	8.0	4.1	3.8
SONOMA	299,681	339,400	348,800	360,300	6.2	2.8	3.3
STANISLAUS	265,900	309,500	320,100	333,200	7.7	3.4	4.1
SUTTER	52,246	58,700	59,700	60,900	3.7	1.7	2.0
TEHAMA	38,888	44,250	45,200	46,750	5.6	2.1	3.4
TRINITY	11,858	13,450	13,550	13,900	3.3	0.7	2.6
TULARE	245,738	283,000	288,400	294,900	4.2	1.9	2.3
TUOLUMNE	33,928	41,700	43,050	45,000	7.9	3.2	4.5
VENTURA	529,174	605,400	620,300	637,400	5.3	2.5	2.8
YOLO	113,374	124,000	127,100	133,500	7.7	2.5	5.0
YUBA	49,733	54,100	54,900	56,600	4.6	1.5	3.1
CALIFORNIA	23,668,049	26,687,500	27,338,000	28,019,000	5.0	2.4	2.5

SOURCE: CALIFORNIA DEPARTMENT OF FINANCE; REPORT 88 E-1, MAY 1987 AND 1988

TABLE 2

TOTAL POPULATION OF CALIFORNIA
BY SEX AND AGE

JANUARY 1, 1988 (A)

AGE COHORT	TOTAL POPULATION	MALE POPULATION	FEMALE POPULATION
0-4	2,308,188	1,181,030	1,127,158
5-9	2,224,868	1,134,226	1,090,642
10-14	1,821,845	927,639	894,206
15-19	1,969,431	1,009,210	960,221
20-24	2,215,449	1,153,670	1,061,779
25-29	2,347,164	1,180,219	1,166,945
30-34	2,562,142	1,285,237	1,276,905
35-39	2,337,295	1,177,883	1,159,412
40-44	1,946,769	973,417	973,352
45-49	1,496,481	741,678	754,803
50-54	1,250,284	615,385	634,899
55-59	1,213,355	589,187	624,168
60-64	1,199,093	557,781	641,312
65-69	1,060,598	486,493	574,105
70-74	812,646	354,393	458,253
75-79	598,563	239,371	359,192
80-84	372,947	131,870	241,077
85+	281,882	77,944	203,938
	28,019,000	13,816,633	14,202,367

SOURCE: CALIFORNIA DEPARTMENT OF FINANCE

(A) POPULATION ESTIMATES ARE BASED ON EXTRAPOLATIONS OF PROJECTIONS DEVELOPED BY THE DEPARTMENT OF FINANCE IN DECEMBER 1986. THESE DATA ARE REVISED EVERY THREE OR FOUR YEARS.

THE NATIONAL ECONOMY IN 1987

OVERVIEW

The national economy exhibited considerable strength in 1987, with impressive gains in employment and only moderate increases in inflation. Following the 1982 recession, which was the most severe downturn in the economy since the depression of the 1930's, the nation has experienced the longest peacetime expansion in United States history. From the depths of this most recent recession, when the unemployment rate reached 10.8 percent in November and December of 1982 and continued to hover above 10 percent for the first half of 1983, the economy has recovered to post steady gains in new jobs as the unemployment rate dropped to 5.8 percent by December of 1987. This was the lowest unemployment rate recorded in the previous seven and one-half years. During the five year expansionary period, approximately 15 million additional jobs were created.

Relatively good news on employment and inflation, which stabilized around four percent during 1987, were offset by record highs in the national debt. The national debt exceeded $3 trillion in 1987. The deficit, which would have been larger had not some accommodation been reached with respect to the Gramm-Rudman legislation, reached a historic high of $175 billion in the second quarter of 1986. Also, the trade imbalance, in 1982 dollars, reached a record high $161.6 billion during the second quarter of 1986; however, with continued devaluation of the dollar, there has been some improvement in this indicator. Thus, while the national economy showed amazing resiliency and considerable improvement in some areas, structural problems remain that cause concern for the long-term health of the economy.

THE "CRASH" OF 1987

While some economists question the relevance of the Dow Jones (DJ) average of 30 industrial stocks, most agree that as a leading indicator of business activity, it continues to serve as a barometer of confidence in the economy. On October 19, 1987, that confidence was severely tested as the New York Stock Exchange suffered through what has become known as "Black Monday," a sell-off of stocks of unprecedented proportions. The DJ Industrial average, which had been rather stable through the last two months of 1986, began an impressive climb at the beginning of 1987. The closing average on January 2, the first business day of the year, was 1927.31; by August 21, it had reached 2709.50, an all-time high. On Monday, October 19, after a massive sell-off of a broad range of stocks, the DJ Industrial average plummeted to 1738.74, a record 508.00 point loss for one day of trading. This represented a 22.6 percentage point loss, also a record. After "Black Monday," the "Dow" exhibited a high degree of volatility and closed the year at 1938.83. An examination of the closing DJ Industrial averages for 1987 indicates that the range of averages exceeded 970 points, resulting in a net gain of only 11.52 points for the year.

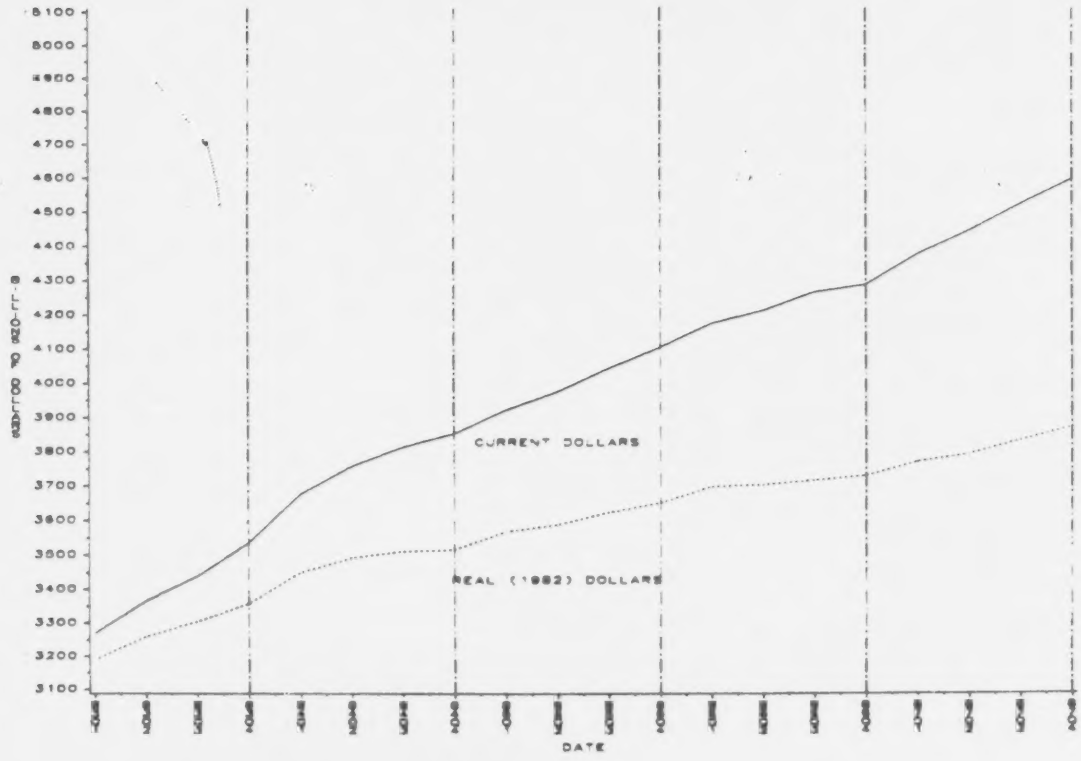
Even though most financial analysts concede that it will be some time before the "Dow" regains the losses incurred on October 19, the economy has provided little evidence of any lasting damage or long-term deleterious effects. It should be noted, however, that continued volatility in the stock market is ostensibly a response to underlying factors (e.g., the huge federal deficit and a negative balance of payments) that led to the October 19 collapse, and they remain as troubling features on the economic landscape.

GROSS NATIONAL PRODUCT

Nineteen hundred and eighty-seven became the fifth consecutive year of growth in the nation's output of goods and services. The real gross national product (GNP) edged up at an annual rate of 3.8 percent compared to 2.2 percent in 1986 (see Figure 1). As in 1985 and 1986, the country's huge foreign trade deficit was a contributing factor to this unspectacular performance. The exchange rate of the dollar, relative to almost all other currencies, continued to decrease throughout most of the year; however, there was little improvement in the trade deficit as a result of the devaluation. The trade deficit, based on the accumulation rate for the first three quarters of 1987, was estimated to total over 158 billon dollars for the year, a post-World War II record high. Both inflation and the unemployment rate continued to be lower than in recent years. The Consumer Price Index, which increased at an average annual rate of 1.9 percent in 1986, accelerated in 1987 to register an average increase of 3.7 percent. The unemployment rate continued to drop during the year and averaged 6.2 percent.

FIGURE 1

GROSS NATIONAL PRODUCT
UNITED STATES 1984–1987
(Quarterly data, seasonally adjusted at annual rates)



Source: U. S. Department of Commerce,
Business Conditions Digest, January 1988

INCOME AND CONSUMPTION

Both real income and consumption increased in 1987, as shown in Figure 2. Disposable income (in current dollars) increased at a rate of 6.0 percent, compared to 5.3 percent between the fourth quarters of 1985 and 1986, but real disposable income advanced only 2.0 percent, compared to 3.6 percent during 1986.

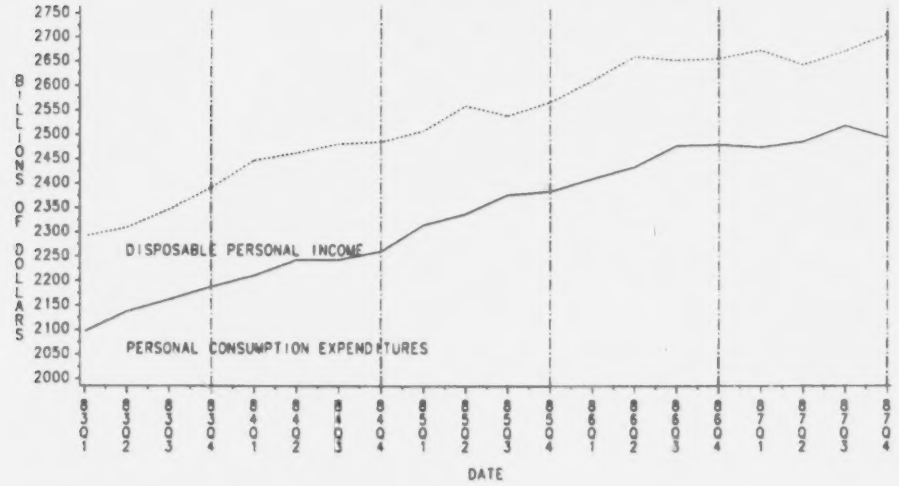
In 1987, real disposable income outpaced personal consumption expenditures, growing at an annual rate of 1.8 percent. Increases in personal consumption expenditures were led by spending on services, which grew in real terms by 3.5 percent over the year. Even though auto dealers continued to offer attractive financing packages, automobile sales decreased over 11 percent compared to 1986. The 10,282,000 cars sold in 1987 represented a reduction of almost 1.5 million cars from the previous year.

SAVINGS

Consumer spending continued to outpace increases in personal income throughout 1987. As previously cited, personal consumption expenditures grew at an annual rate of 1.8 percent while real disposable income lagged behind at 1.2 percent. In spite of that, the savings rate in the 4th quarter of 1987 rose to 4.9 percent of disposable income, up from 3.6 percent a year earlier. The average personal savings rate for 1987 was 3.8, which remains well below the average of 7.2 percent for the period 1950 to 1980.

FIGURE 2

PERSONAL CONSUMPTION EXPENDITURES & DISPOSABLE PERSONAL INCOME
UNITED STATES 1983–1987
(1982 dollars)
(Quarterly data, seasonally adjusted at annual rates)



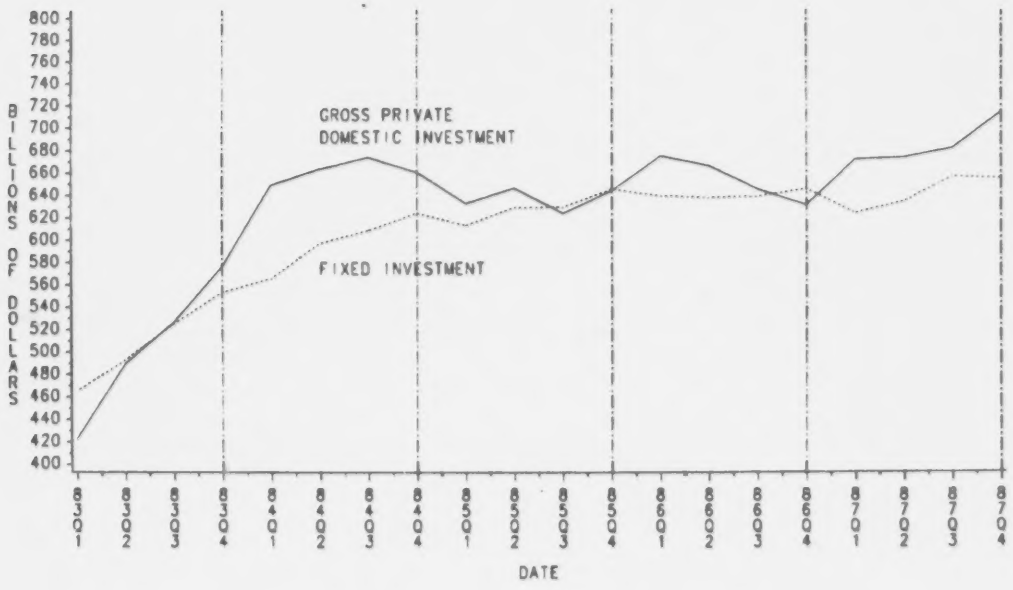
Source: U. S. Department of Commerce
Business Conditions Digest, January 1988

INVESTMENT

Business fixed investment experienced a slight increase in 1987, ending the year up 1.6 percent from the 4th quarter of 1986, as shown in Figure 3. Residential investment, responding to slowly rising interest rates, decreased at a pace of 2.9 percent during 1987. Housing starts, expressed in annual rates, fluctuated monthly between 1.5 and 1.7 million, averaging 1.6 million per quarter for the year. This represents a decrease of 10.5 percent in 1987, when compared with the previous year. Investment in non-residential structures, responding to continuing overcapacity in commercial and office space generated in 1983 and 1984, continued to fall during the first half of 1987, but rebounded in the later quarters to post a 3.7 percent increase for the year. Improvement in the manufacturing sector, as measured by the capacity utilization rate, resulted in a gradual increase in the growth of spending on producers' durable equipment. The capacity utilization rate rose from 79.7 percent in 1986 to average 81.0 percent in 1987, while growth in spending on producers' durable equipment rose from 1.4 percent in 1985 to average a more substantial 2.9 percent throughout 1987. Even with the draw-down in inventories during the 2nd and 3rd quarters of 1987, as measured by the change in business inventories (see Figure 4), there was more than a fourfold increase in inventories over 1986.

FIGURE 3

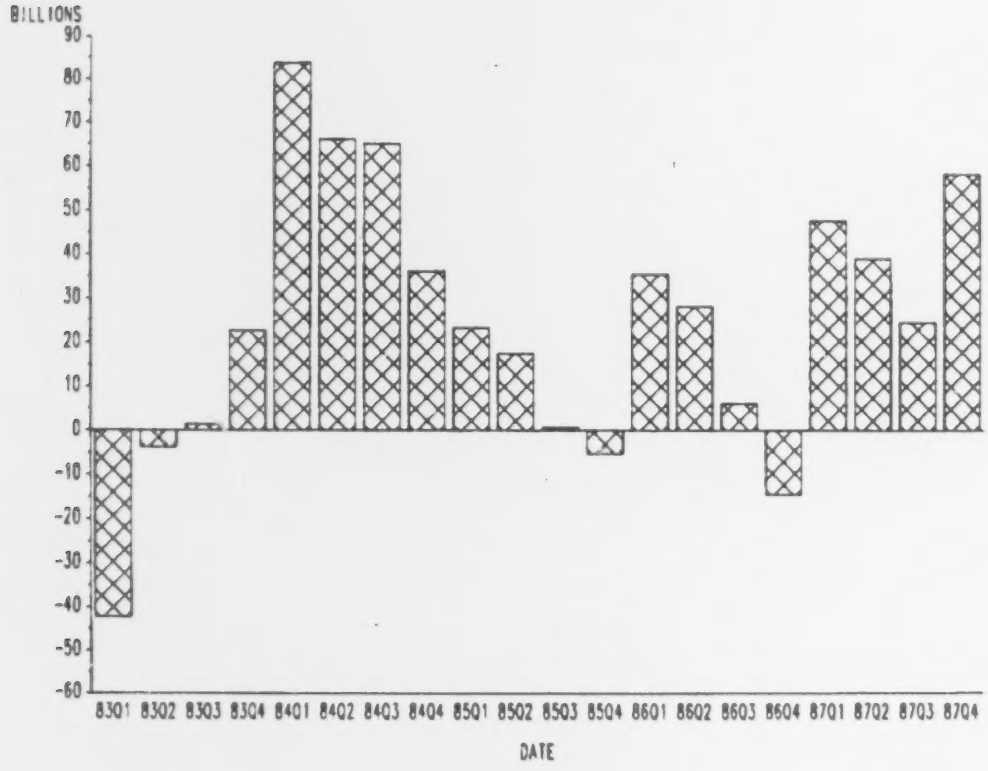
GROSS PRIVATE DOMESTIC INVESTMENT
UNITED STATES 1983-1987
(1982 dollars)
(Quarterly data, seasonally adjusted at annual rates)



Source: U. S. Department of Commerce
Business Conditions Digest, January 1988

FIGURE 4

CHANGE IN BUSINESS INVENTORIES
UNITED STATES 1983–1987
(1982 dollars)
(Quarterly data, seasonally adjusted at annual rates)



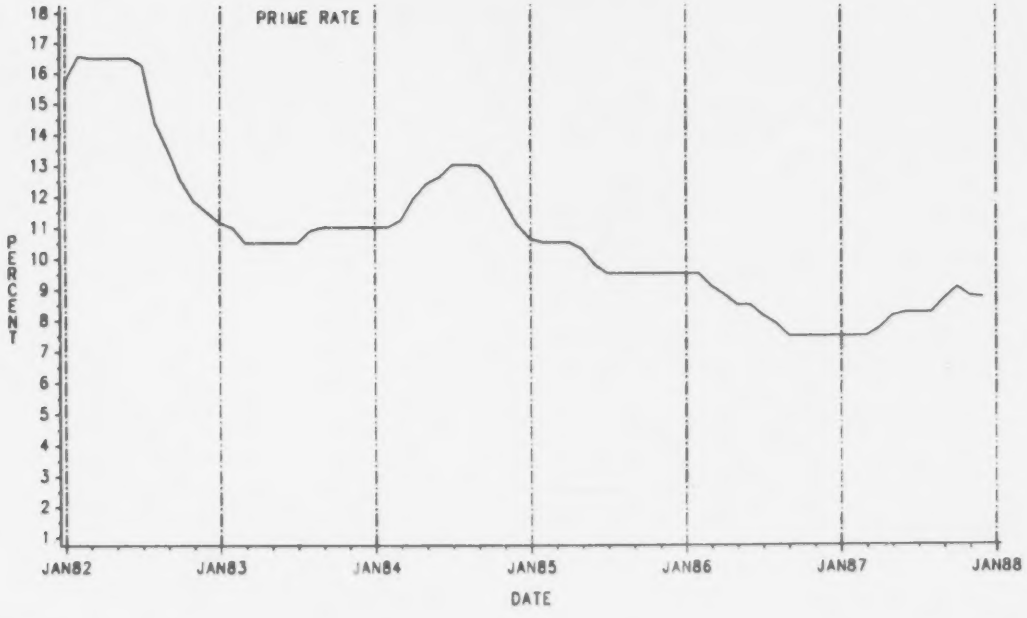
Source: U. S. Department of Commerce
Business Conditions Digest, January 1988

INTEREST RATES

While the dollar suffered continued devaluation relative to all other major currencies except the British pound in 1987, the Federal Reserve significantly altered their expansionary monetary policy begun in late 1984. The money supply, as measured by M1 (currency, demand deposits, and other checkable deposits) grew by only 1.4 percent in 1987, compared to 13.8 percent in 1986 and 11.9 percent in 1985. The Federal Reserve, after reducing discount rates in 1986, increased the rate to close 1987 at 6.0 percent. This resulted in a gradual increase in the prime rate during the year as the prime averaged 8.9 percent for the 4th quarter (see Figure 5). Home sales, after peaking in June, responded to rising mortgage rates and fell during the later half of 1987. New-home sales decreased sharply from a quarterly average of over 700,000 units at the beginning of the year to about 600,000 units by year end. The median, new-home price of single-family units sold in the United States in 1987 approached $104,000.

FIGURE 5

PRIME INTEREST RATE BY MONTH
UNITED STATES 1982-1987



Source: U. S. Department of Commerce
Business Conditions Digest, January 1988

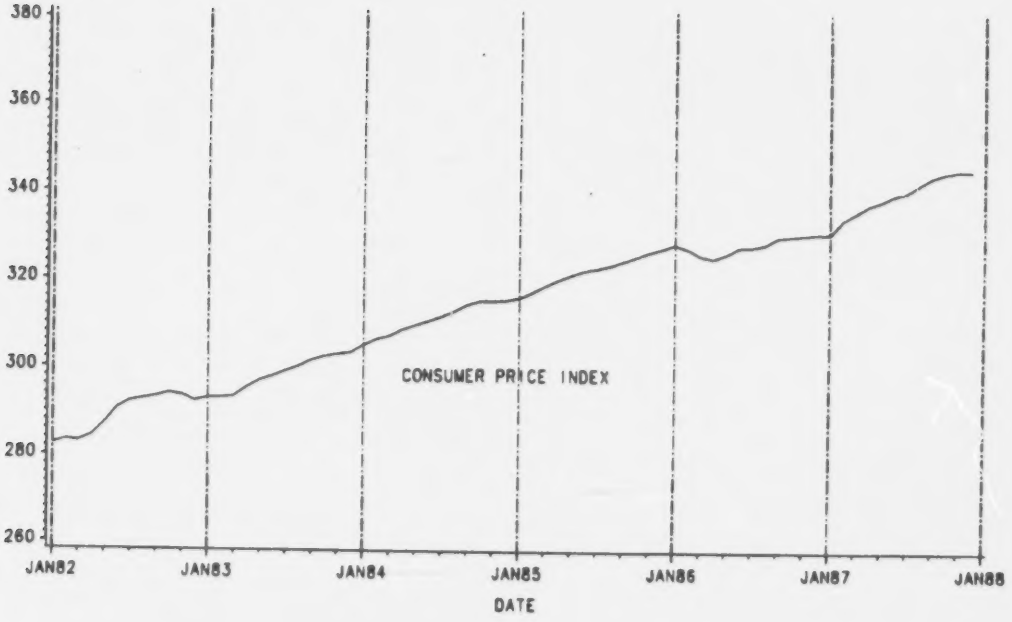
INFLATION

Inflation grew at a moderate rate in 1987. This past year ended with an annual increase in the Consumer Price Index (CPI) of 4.4 percent, up from the 1.1 percent reported in 1986 (see Figure 6). This was the fifth consecutive year that inflation has been under 5 percent. Though it is unusual for inflation to remain at this level late into a recovery, very moderate increases in oil and food prices have helped sustain this trend. Producer prices (wholesale) increased, on an annual average basis, by 2.6 percent in 1987, compared to a 2.9 percent decrease in 1986.

While low inflation benefited consumers and most businesses, it was a painful experience for certain sectors in the economy. Farmers, for example, saw low but stable prices not only for most of their agricultural products, but also for the value of farmland.

FIGURE 6

CONSUMER PRICE INDEX BY MONTH
UNITED STATES 1982-1987



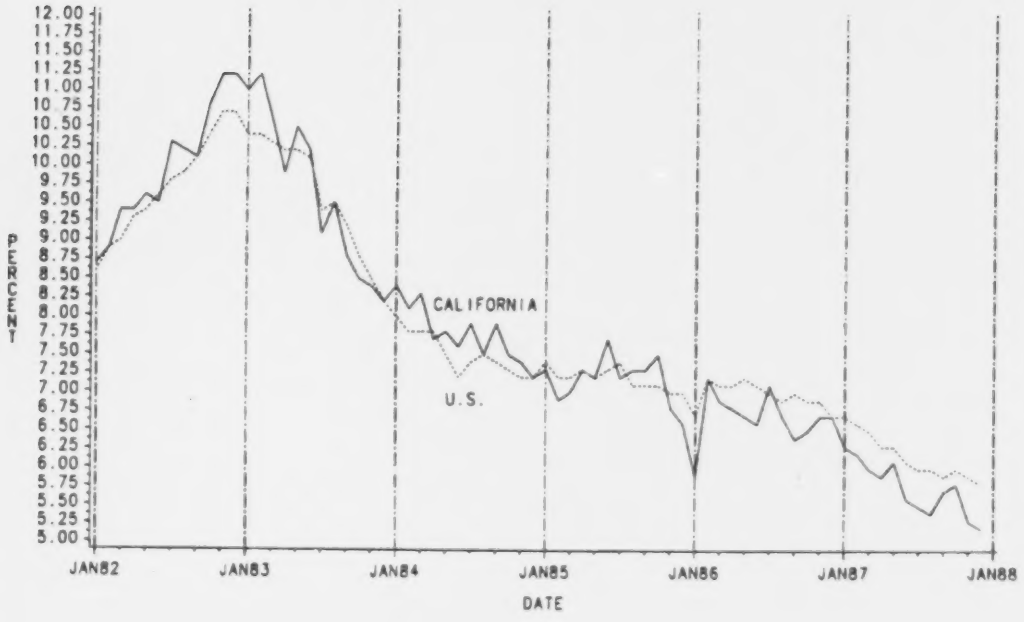
Source: U. S. Department of Commerce
Business Conditions Digest, January 1988

EMPLOYMENT

The pace of civilian job growth improved in 1987 as total civilian employment continued to expand, on an annual average basis, by 2.6 percent. This translates to 2,843,000 jobs created last year, compared to a growth rate of 2.3 percent in 1986, or 2,447,000 new jobs. The civilian, seasonally adjusted, unemployment rate declined steadily from 6.7 percent in January to 5.8 percent in December. This was down sharply from the recession high of 10.8 percent in December 1982 (see Figure 7). In fact, the annual average unemployment rate for 1987 was 6.2 percent, the lowest annual rate recorded in eight years. From December of 1986 through December of 1987, the level of seasonally adjusted unemployment fell by 867,000, leaving 6,987,000 workers jobless.

FIGURE 7

COMPARISON OF SEASONALLY ADJUSTED UNEMPLOYMENT RATES
UNITED STATES AND CALIFORNIA 1982–1987



Source: U. S. Department of Commerce
Business Conditions Digest, January 1988

1988-1989 NATIONAL LABOR MARKET OUTLOOK

As the recovery enters its sixth year, the outlook for 1988 and 1989 calls for slow growth in the national economy. Factors that suggest cautious optimism are listed below:

- Continuing strong economy as suggested by recent increases in the index of leading economic indicators, even though the index decreased for two consecutive months during the fourth quarter of 1987. Despite the October 19, 1987 stock market "crash," the economy has demonstrated remarkable resiliency with continued growth even though the underlying causes of this severe correction (e.g., the huge federal deficit and a negative balance of payments) remain.

- Moderate but stable inflation and interest rates. These factors have helped stimulate growth in the economy and while these indicators remain stable, the economy will be free of many of the problems experienced in previous recoveries.

- Continuing moderation in world oil prices. Analysts foresee no major increases in world crude oil prices in the immediate future, although, continued unrest in the Middle East introduces an element of uncertainty in the supply and price of crude. While continued low energy costs will help sustain the recovery, an unavoidable side-effect will be continued sluggishness in domestic fuel exploration and production.

- Moderate adjustments in the value of the dollar. While the dollar has continued to decline, losing approximately 15 percent of its value against the Japanese Yen and the West German Mark during 1987, export industries will continue to experience improvement.

THE CALIFORNIA ECONOMY IN 1987

OVERVIEW

The California economy not only exceeded the growth rate observed this past year for the nation, but it also expanded more rapidly in 1987 when compared with the pattern of slow growth experienced in the state in 1985 and 1986. Civilian employment, a key indicator of the state's economic health, advanced at 5.3 percent, significantly higher than the 3.0 percent growth rate recorded in 1986. As in 1986, the rate of growth in civilian employment outstripped the gain in the labor force, which increased by 3.7 percent in 1987. This rise in employment, coupled with a smaller increase in labor force size resulted in a one and one-half percentage point drop in the seasonally adjusted unemployment rate from 6.7 percent in December 1986 to 5.2 percent by the end of 1987.

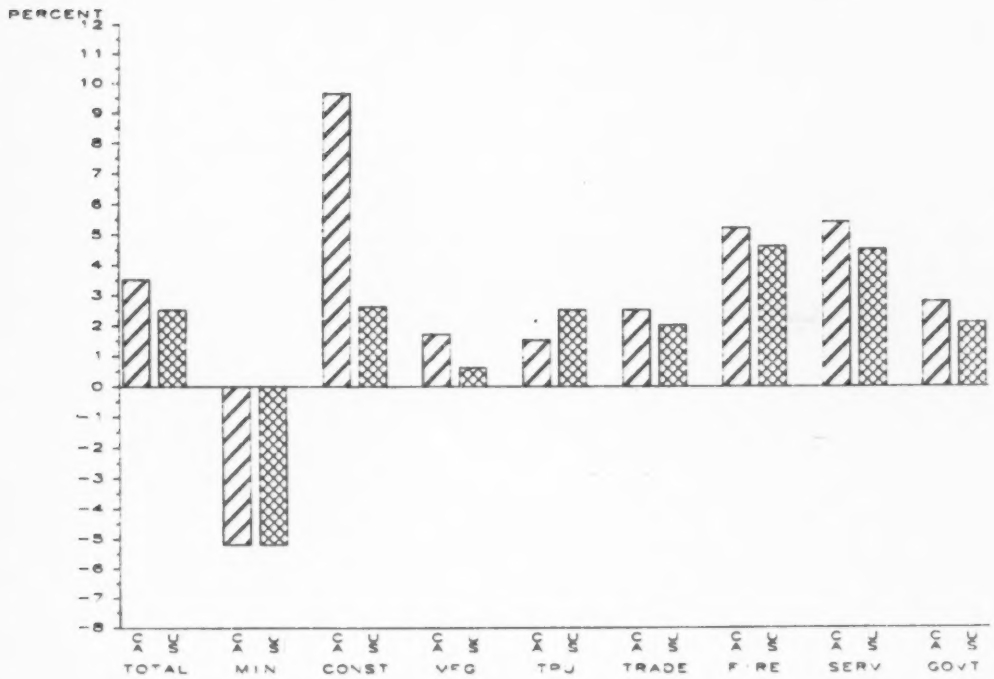
On an annual average basis, the civilian labor force grew by 413,000 individuals, reaching 13,747,000. The number of Californians with jobs averaged 12,955,000 for the year, an increase of 511,000 over 1986 levels. During the same period, the number of unemployed persons fell by 98,000 to average 792,000. Total nonagricultual wage and salary employment rose by 3.5 percent or 399,600 jobs in 1987, compared to a 2.5 percent increase for 1986. All sectors except mining experienced a higher rate of growth in 1987 than in 1986. As in 1986, the majority of employment growth, in absolute numbers, was concentrated in the trade and services sectors. These industry sectors accounted for approximately 54 percent of all new jobs, increasing by 2.5 percent and 5.4 percent, respectively. In 1987, over 148,000 new jobs were created in the services sector alone. The oversupply of crude oil on the world market continued to depress the fuel mining industries. The manufacturing sector, encouraged by a reduction in the value of the dollar and the subsequent increase in exports of manufacturing goods, recorded a moderate 1.7 percent gain in 1987, compared to a slight contraction in 1986.

Even stable interest rates and rising personal income in 1987 could not sustain housing construction at 1986 levels. In 1987, 248,700 housing units were authorized in California compared with 302,900 in 1986. This represented an 18 percent decrease from the 1986 record high. In contrast to the previous three years, single-family housing units exceeded multi-family housing units by some 17,880 permits. Single-family units accounted for 54 percent of the total versus 46 percent for multi-family units.

The annual average rate of nonagricultural job growth for California in 1987 was 3.5 percent, a full percentage point above the rate recorded for the rest of the nation (see Figure 8). Employment in the construction sector in California increased at an average rate of 9.6 percent in 1987 compared to 1.7 percent for the balance of the nation. Also, California out-performed the nation as a whole in the wholesale and retail trade industries, registering a 2.5 percent gain as opposed to a 2.0 percent increase for the rest of the nation. Both California and the balance of the nation experienced a more moderate 5.2 percent decline in mining employment when compared to reductions in 1987 of 15.0 and 14.9 percent, respectively. Manufacturing employment in California recovered to post an average increase of 1.7 percent for the year, more than triple the national rate.

FIGURE 8

ANNUAL EMPLOYMENT GROWTH RATES BY INDUSTRY
CALIFORNIA AND UNITED STATES (EXCLUDING CA) 1987



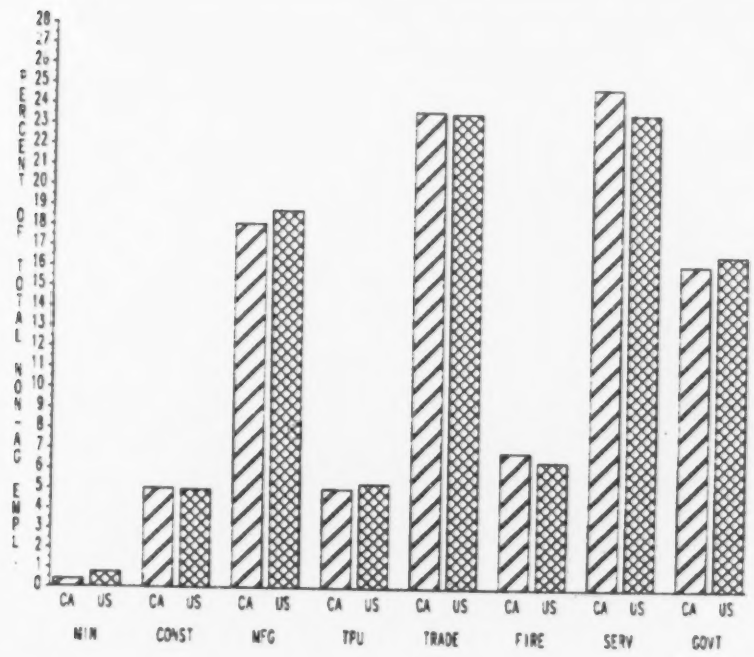
Source: Employment Data and Research Division and
U. S. Department of Labor, Employment and Earnings, January 1988

California out-performed the balance of the nation in three other non-agricultural sectors: a 5.4 percent increase in service industries as compared with a 4.4 percent increase for the rest of the nation; a 5.2 percent increase in finance, insurance, and real estate, as opposed to 4.6 percent; and a 2.8 percent increase in government compared to a 2.0 percent national increase. The nation did, however, outpace California in the transportation and public utilities sector with a 2.7 percent increase compared to 1.5 percent for California.

Figure 9 illustrates the distribution of industrial jobs between California and the balance of the nation. As shown below, the mix of industries in the California economy closely parallels, in a relative sense, the contributions of those sectors for the remainder of the country. Thus, the California economy reflects, except on a smaller scale, the highly diverse nature of the balance of the national economy. In 1987, as has been the case in recent years, the service industries, at 24.9 percent, comprised the largest share of the State's economy. Together, service and trade sectors made up 48.5 percent of California's non-agricultural employment base, compared with 47.1 percent for the balance of the nation. The manufacturing sector, which has not shared equally in the overall employment growth of the current recovery, made up a slightly larger share of California's total employment at 18.8 percent compared with 18.1 percent for the balance of the nation. Thus, the manufacturing sector exhibited some improvement in 1987 in comparison to the 18.3 percent share of employment recorded in 1986. However, the industrial base for the balance of the nation continued to deteriorate as the relative contribution for this sector was 19.2 percent in 1986.

FIGURE 9

COMPARISON OF NON-AGRICULTURAL INDUSTRY MIX
CALIFORNIA AND UNITED STATES (EXCLUDING CA) 1987



Source: Employment Data and Research Division and
U. S. Department of Labor, Employment and Earnings, January 1988

1988–1989 CALIFORNIA LABOR MARKET OUTLOOK

The California economy is expected to out–perform the rest of the nation through the fourth quarter of 1989. Growth in the economy will primarily be supported by continued improvement in the nation's trade balance. Because of California's location on the Pacific Rim, its large share of the nation's high–tech manufacturing production, and the increased cost of foreign goods, the state is expected to benefit greatly from an expanding overseas market for domestically produced goods. On the down side, a slight increase in inflation, rising interest rates and consumer debt, and a continuing reduction in defense spending are expected to result in a slow–growth economy.

CALIFORNIA CIVILIAN LABOR FORCE

Growth in the labor force is expected to slow during the forecast period (see Table 3). From the second quarter of 1987 to the second quarter of 1988, we estimate a 2.2 percent increase in the labor force as compared to a 3.8 percent increase for the same period from 1986 to 1987. After an increase of 3.0 percent in 1987, the labor force grew at a 3.3 percent annual rate in the first quarter of 1988. Despite continuing high labor force participation rates, we expect a lower rate of growth in the labor force due to a decreasing rate of growth in the working age population and declining in–migration as a result of the recently implemented immigration legislation. Therefore, we expect the rate to increase annually by 2.4 percent for the remaining three quarters of 1988 and all of 1989. The labor force is expected to exceed the 14 million mark during the second quarter of 1988, expanding to 14.5 million by the end of 1989.

CALIFORNIA CIVILIAN EMPLOYMENT

During the past year, the rate of growth of employment in California has continued to surpass employment growth for the nation as a whole. From the first quarter of 1987 through the first quarter of 1988, employment in California increased 4.5 percent compared to 2.6 percent for the nation. For the remainder of 1988 and 1989, employment growth in California should continue to outpace the nation. Employment increased at an annual rate of 4.5 percent in the first quarter of 1988; the rate of growth is expected to average 2.1 percent for the rest of 1988. On an annual average basis, civilian employment in California is expected to grow by 2.3 percent in 1989, and total employment should approach 13.7 million during the fourth quarter of 1989.

CALIFORNIA CIVILIAN UNEMPLOYMENT

As the state's economy continues to expand, the unemployment rate in California is expected to remain below the national average. We estimate that the rate will rise to 5.4 percent during the second quarter of 1988 and remain at that level for the balance of 1988 as consumer spending continues to slow. During 1989, we expect the rate to average 5.5 percent even as foreign demand for domestic goods expands. The number of unemployed persons is expected to average 755,000 in 1988 and 796,000 in 1989. This compares with 792,000 for 1987.

TABLE 3

CALIFORNIA LABOR MARKET FORECAST

LABOR FORCE, EMPLOYMENT, UNEMPLOYMENT
(IN THOUSANDS, SEASONALLY ADJUSTED)
UNEMPLOYMENT RATE
(IN PERCENT)
1987: I - 1989: IV

1987:	QUARTER I	II	III	IV	ANNUAL AVERAGE	ANNUAL CHANGE	PERCENT CHANGE
LABOR FORCE	13,538	13,770	13,797	13,882	13,747	413	3.1%
EMPLOYMENT	12,701	12,965	13,032	13,126	12,955	511	4.1%
UNEMPLOYMENT	837	805	765	756	792	-98	-11.0%
UNEMPLOYMENT RATE	6.2%	5.8%	5.5%	5.4%	5.8%		

1988:	QUARTER I	II(F)	III(F)	IV(F)	ANNUAL AVERAGE	ANNUAL CHANGE	PERCENT CHANGE
LABOR FORCE	13,996	14,078	14,165	14,250	14,122	375	2.7%
EMPLOYMENT	13,273	13,317	13,400	13,480	13,368	413	3.2%
UNEMPLOYMENT	724	760	765	770	755	-37	-4.7%
UNEMPLOYMENT RATE	5.2%	5.4%	5.4%	5.4%	5.3%		

1989:	QUARTER I(F)	II(F)	III(F)	IV(F)	ANNUAL AVERAGE	ANNUAL CHANGE	PERCENT CHANGE
LABOR FORCE	14,335	14,421	14,508	14,596	14,465	343	2.4%
EMPLOYMENT	13,547	13,628	13,710	13,794	13,670	302	2.3%
UNEMPLOYMENT	788	793	798	803	796	41	5.4%
UNEMPLOYMENT RATE	5.5%	5.5%	5.5%	5.5%	5.5%		

SOURCE: EMPLOYMENT DATA AND RESEARCH DIVISION, JUNE 1988

NOTE: ROMAN NUMERALS REFER TO QUARTERS; F = FORECAST

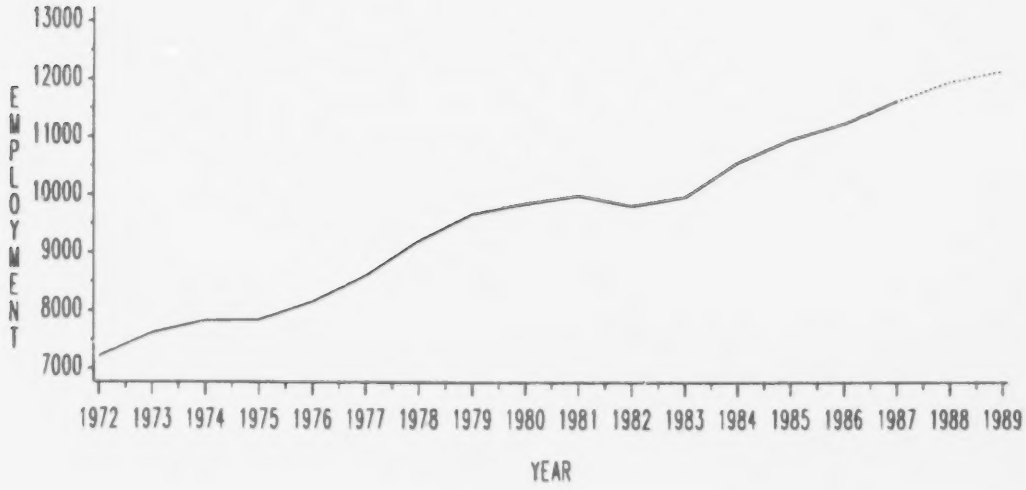
CALIFORNIA WAGE AND SALARY EMPLOYMENT

Total nonagricultural wage and salary employment in California grew by nearly 400,000, or 3.5 percent, in 1987. In absolute numbers, this was the second largest increase in wage and salary employment (second only to the 608,000 jobs created in 1984) this decade. Job growth that occurred in 1987 was a significant increase over the 2.5 percent average rate of growth noted in 1986. During this past year, the services and trade sectors together contributed over 54 percent of all new jobs.

Growth in wage and salary employment in 1988 is expected to remain at a moderate 2.9 percent, or an increase of 342,000 jobs (see Figure 10). Since economic growth is expected to remain sluggish, the forecast calls for an annual increase of 193,000 jobs or 1.6 percent for 1989 (see Table 4). Also, we estimate that total wage and salary employment will average 12,000,000 in 1988, increasing to 12,193,000 in 1989.

FIGURE 10

TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
CALIFORNIA 1973–1989
(In thousands)



Source: Employment Data and Research Division

TABLE 4

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT FORECAST
FOR CALIFORNIA
(ANNUAL AVERAGES IN THOUSANDS)

INDUSTRY	1987	1988(F)	1989(F)	NUMERIC CHANGE 87/88	PERCENT CHANGE 87/88	NUMERIC CHANGE 88/89	PERCENT CHANGE 88/89
TOTAL EMPLOYMENT	11,658	12,000	12,193	342	2.9%	193	1.6%
MINING	40	40	40	0	0.0%	0	0.0%
CONSTRUCTION	582	613	623	31	5.3%	10	1.6%
MANUFACTURING	2,105	2,139	2,144	34	1.6%	5	0.2%
NONDURABLES	680	691	700	11	1.6%	9	1.3%
DURABLES	1,425	1,447	1,444	22	1.5%	-3	-0.2%
TRANSPORTATION & PUBLIC UTILITIES	583	587	588	4	0.7%	1	0.2%
WHOLESALE & RETAIL TRADE	2,755	2,878	2,922	123	4.5%	44	1.5%
WHOLESALE	685	718	729	33	4.8%	11	1.5%
RETAIL	2,069	2,160	2,192	91	4.4%	32	1.5%
FINANCE, INSURANCE & REAL ESTATE	804	829	849	25	3.1%	20	2.4%
SERVICES	2,900	3,001	3,089	101	3.5%	88	2.9%
GOVERNMENT	1,889	1,914	1,938	25	1.3%	24	1.3%

SOURCE: EMPLOYMENT DATA AND RESEARCH DIVISION, JUNE 1988

NOTE: F = FORECAST; DETAIL MAY NOT ADD TO TOTALS DUE TO ROUNDING

MINING

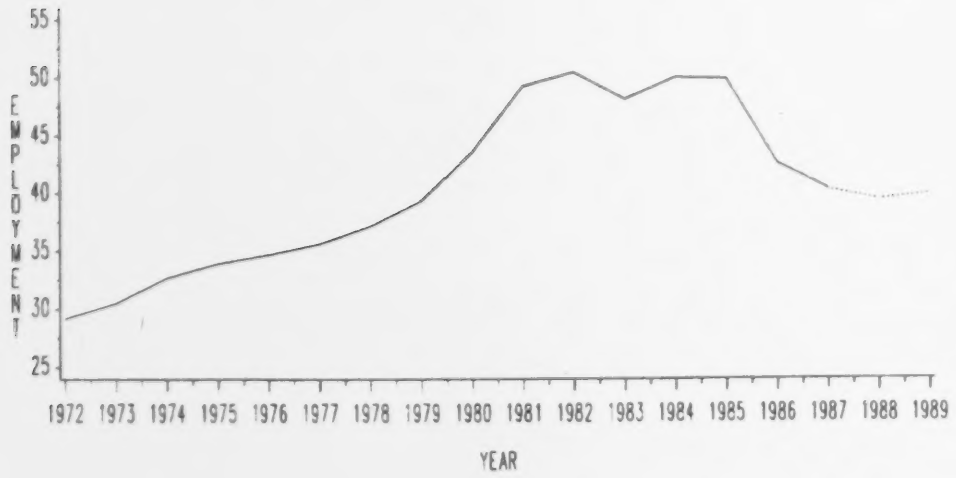
Even though the mining sector comprised only 0.3 percent of the total nonagricultural employment in California in 1987, the state remains a major producer of crude oil. Recently, the state's mining industry has reflected the general slowdown of domestic fuel production brought on by an oversupply of crude oil on the open market and the corresponding decline and subsequent stabilization in world oil prices. In addition, reluctance of residents to support the leasing of tracts off the California coast has served to curtail oil exploration and production.

During 1987, the mining industry in California, with the loss of 2,200 jobs, suffered a reduction in employment levels for the third consecutive year. This reduction represented a five percent decrease compared to a 15 percent reduction in 1986. The fuel mining component, which accounted for over 75 percent of all jobs in the mining sector in 1987, suffered a loss of 2,600 jobs. Employment in the metal and nonmetal components grew by 300 and 200 jobs, respectively.

Mining is the only industrial sector that is expected to remain stagnant in 1988. Since the mining sector in California is comprised primarily of firms in oil and gas production, a continuing surplus of crude oil is likely to prevent any significant improvement in fuel mining employment. Thus, the forecast for 1988 and 1989 calls for employment in the mining sector to remain at 1987 levels; employment during this period will average around 40,000.

FIGURE 11

MINING EMPLOYMENT
CALIFORNIA 1973–1989
(In thousands)



Source: Employment Data and Research Division

CONSTRUCTION

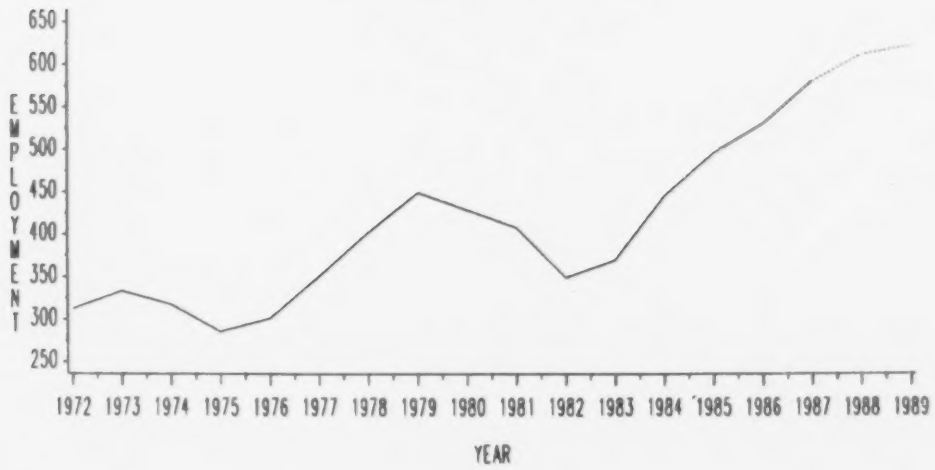
Construction employment in 1987, supported by stable interest rates, grew at an annual rate of 9.6 percent or by 51,000 jobs. This represents an increase from the growth rate of 7.0 percent recorded in 1986 when this sector gained 34,800 jobs. Employment growth in special trade construction in 1987 accounted for over 60 percent of total construction employment growth. The special trade component grew at an annual rate of 10.0 percent, adding some 32,200 new construction jobs. The general building contractors component was responsible for an additional 12,700 jobs, advancing 9.0 percent over 1986 employment levels. Heavy construction-related industries expanded by 8.9 percent, or an additional 6,200 jobs.

Overall construction activity is expected to slow in 1988 and 1989 when compared with 1987. Residential construction should continue to experience only modest growth in 1988 as mortgage interest rates begin to inch upward. However, substantial increases in the cost of single-family homes should have a negative impact on housing starts and residential construction. Industrial construction is also anticipated to attenuate due to slow growth in manufacturing, refining, and related industries. Also, heavy construction, which includes work on highways, water and sewage systems, and other types of infrastructure, should experience a slowdown in 1988 and 1989 since funding for such projects at the state and federal levels remains uncertain.

For 1988, employment in construction is expected to grow by 5.3 percent, or 31,000 jobs. In the following year, we estimate an additional 10,000 jobs will be added, representing an annual growth rate of 1.6 percent.

FIGURE 12

CONSTRUCTION EMPLOYMENT
CALIFORNIA 1973-1989
(In thousands)



Source: Employment Data and Research Division

MANUFACTURING

The manufacturing sector exhibited modest 1.7 percent growth in 1987, gaining 35,200 jobs. Employment in the nondurable goods sector increased by 4.2 percent with the addition of 27,600 jobs; employment in the durable goods sector grew at a sluggish 0.5 percent pace, adding some 7,600 jobs.

During 1987, seven of the nine nondurable goods components experienced job growth. The largest absolute increases in nondurable goods production were: apparel and other textiles, which added 10,400 jobs; printing and publishing, which increased by 6,500 jobs; and food and kindred products, which gained 2,900 jobs. Other components showing an increase were: rubber and miscellaneous plastic, up 3,600 jobs; chemical and allied products, up 2,100 jobs; and textile mill products, and paper and allied products, each up by 1,900 jobs. Two components of nondurable goods manufacturing that experienced contraction were leather and leather products, down 200 jobs, and the petroleum and coal products component, experiencing a continuing slowdown in domestic fuel, down 1,100 jobs.

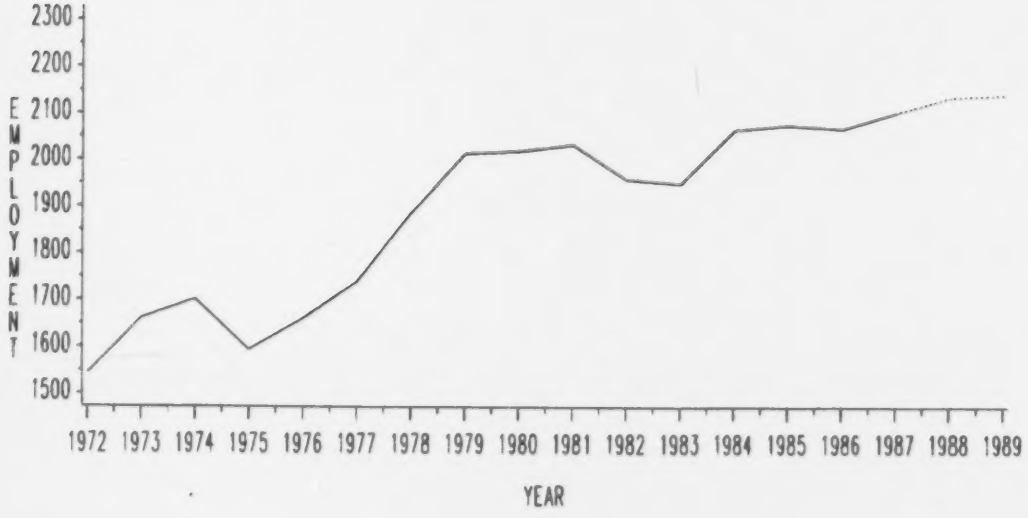
Within the durable goods sector, only five of the ten components experienced growth in 1987. The largest absolute increases were in transportation equipment, which recorded an increase of 6,800 jobs, and lumber and wood products, excluding furniture, which gained 4,800 jobs. Other components of durable goods manufacturing experiencing growth were: furniture and fixtures, up 2,700 jobs; stone, clay, and glass products, up 1,200; and machinery excluding electrical, up 800.

Even with the devaluation of the dollar and its effect on the price of foreign goods, five components of durable goods manufacturing experienced declines in employment in 1987; however, the total number of jobs lost for these components totaled 8,500 jobs in 1987 compared with 33,500 in 1986. The largest loser was electrical equipment with a decrease of 4,300 jobs. Other components experiencing contraction in 1987 were: fabricated metal products, down 2,500 jobs; instruments and related products, down 1,200 jobs; primary metal industries, down 200 jobs; and miscellaneous manufacturing, down 300 jobs.

Some forecasters have expressed pessimism regarding growth in the manufacturing sector because of the effect of immigration reform and the reduction in the federal defense budget. As the Immigration and Naturalization Service (INS) begins to apply the employer sanctions provision of the Immigration Reform and Control Act (IRCA), lower-priced labor may not be as readily available as it has been in the past. Also, it seems likely that regardless of the makeup of the new administration, a reduction in the defense budget, with its attendant, negative effect on the California economy, will be required to meet the targets established by the Gramm-Rudman legislation. Thus, the rate of growth in the manufacturing sector is expected to slow in 1988 and decrease even more so in 1989. The forecast calls for growth of 1.6 percent and 0.2 percent for these periods, respectively. For 1988, employment in the durable goods sector is projected to grow by 22,000, while nondurable goods employment is expected to increase by 11,000. A slow-growth, state economy in 1989 should result in a gain of only 9,000 jobs in the nondurables sector and a loss of 3,000 jobs in durable goods.

FIGURE 13

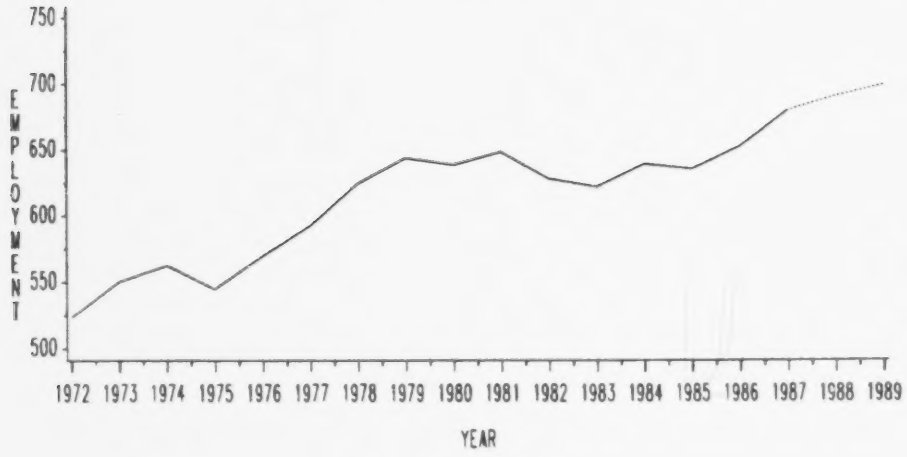
MANUFACTURING EMPLOYMENT
CALIFORNIA 1973-1989
(In thousands)



Source: Employment Data and Research Division

FIGURE 14

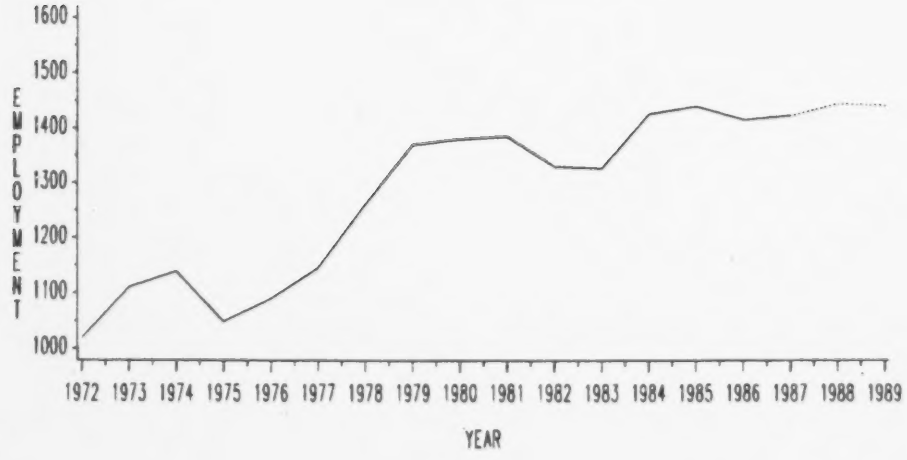
NONDURABLE GOODS MANUFACTURING EMPLOYMENT
CALIFORNIA 1973–1989
(In thousands)



Source: Employment Data and Research Division

FIGURE 15

DURABLE GOODS MANUFACTURING EMPLOYMENT
CALIFORNIA 1973–1989
(In thousands)



Source: Employment Data and Research Division

TRANSPORTATION AND PUBLIC UTILITIES

The transportation and public utilities sector continued its expansion at a rate of 1.5 percent in 1987, adding some 8,400 jobs over 1986 employment levels. Job growth was observed in every component except railroads, which contracted for the third year in a row with the loss of some 2,300 jobs, and communications, which experienced a nominal loss of 300 jobs.

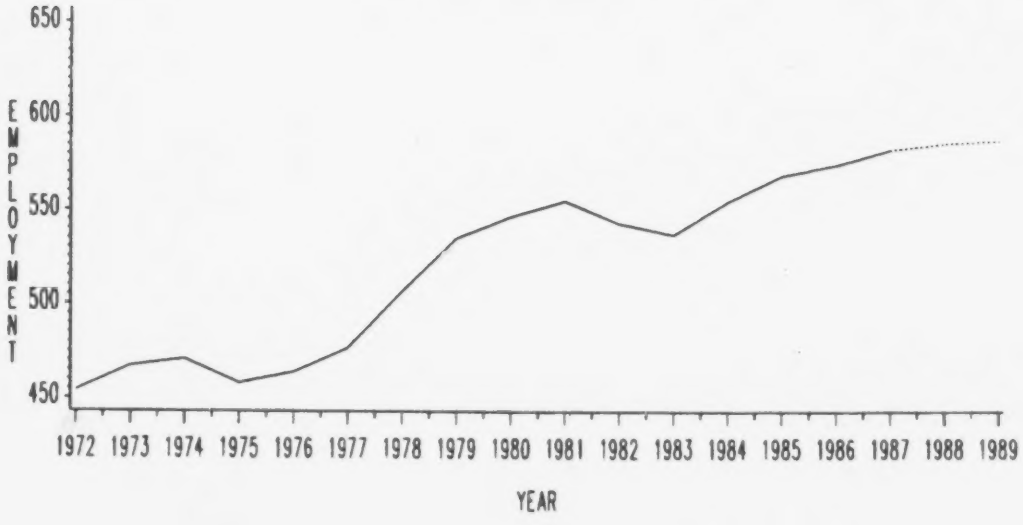
Employment in the transportation component, which increased by 7,200 jobs, grew at an annual rate of 2.2 percent in 1987 compared to 3.4 percent growth in 1986. Job growth in trucking and warehousing expanded by 3,500 jobs, and other transportation was up by 3.5 percent with the addition of 6,000 jobs. As noted, railroad employment, which was the only component that continued to experience significant reductions, declined by 10.7 percent or 2,300 jobs.

During 1987, the electric, gas, and sanitation component increased by 1.8 percent with the addition of 1,500 jobs. Marginally higher fuel costs in 1987 enabled most utility companies to hold down operating costs. The communications component continued a four-year, downward trend, although, the decrease in 1987 was only 0.2 percent.

Employment in the transportation and public utilities sector is expected to rise slightly over the next two years. Employment is projected to increase by 0.7 percent, or 4,000 jobs, in 1988 and by 0.2 percent, or 1,000 jobs, in 1989.

FIGURE 16

TRANSPORTATION AND PUBLIC UTILITIES EMPLOYMENT
CALIFORNIA 1973–1989
(In thousands)



Source: Employment Data and Research Division

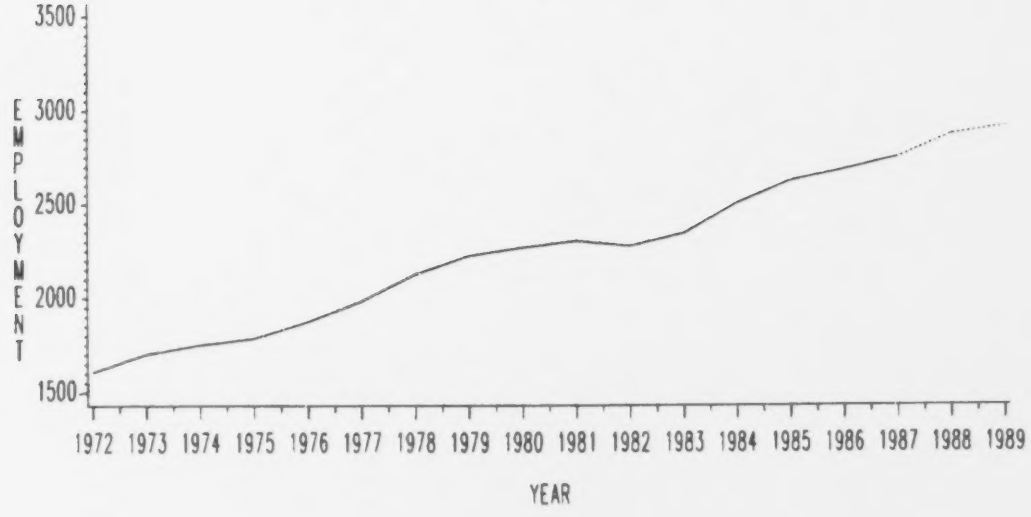
WHOLESALE AND RETAIL TRADE

In 1987, the wholesale and retail trade sector ranked second, behind the services sector, in terms of largest absolute job growth among all industry groups with nearly one-fourth of all new jobs created statewide. The trade-related industries, as a whole, expanded at an annual rate of 2.5 percent, or 68,200 jobs, in 1987. The retail component contributed over 75 percent to the total trade growth, advancing 3.1 percent during 1987 with the addition of 63,100 jobs. Growth in the wholesale component increased by only 0.7 percent, or 5,000 jobs, during the same period; this compares with 1.0 percent or 6,900 jobs in 1986.

In 1988, the trade sector is expected to produce the largest number of new jobs, contributing 36 percent of total employment growth. This sector is projected to grow at a rate of 4.5 percent, adding 123,000 jobs. The retail and wholesale components should add 91,000 and 33,000 jobs, respectively. It is anticipated that consumer retrenchment and a sluggish economy will hold the rate of growth in this sector to less than two percent in 1989. Wholesale trade should increase by 1.5 percent; the 11,000 new jobs created will enable this component to reach annual average employment of 729,000. Employment in the retail trade component is also expected to grow by 1.5 percent with an additional 32,000 jobs over 1988 levels. We anticipate that average employment in the retail trade component will reach 2,192,000 in 1989.

FIGURE 17

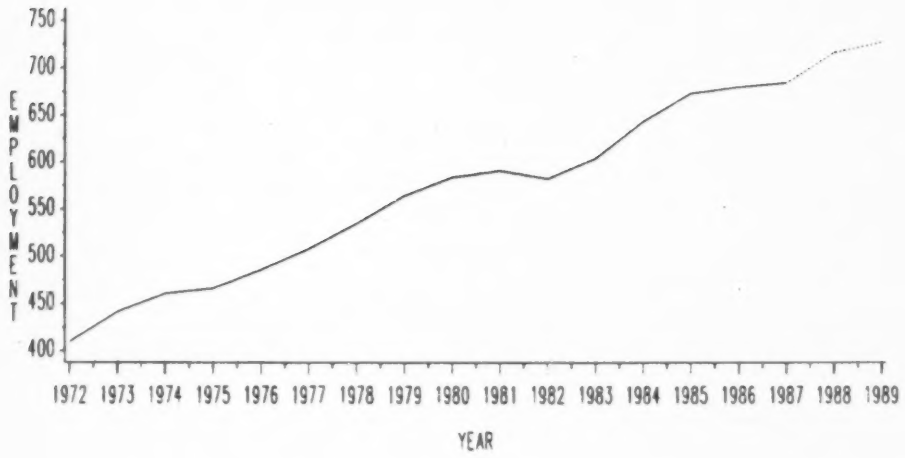
WHOLESALE AND RETAIL TRADE EMPLOYMENT
CALIFORNIA 1973-1989
(In thousands)



Source: Employment Data and Research Division

FIGURE 18

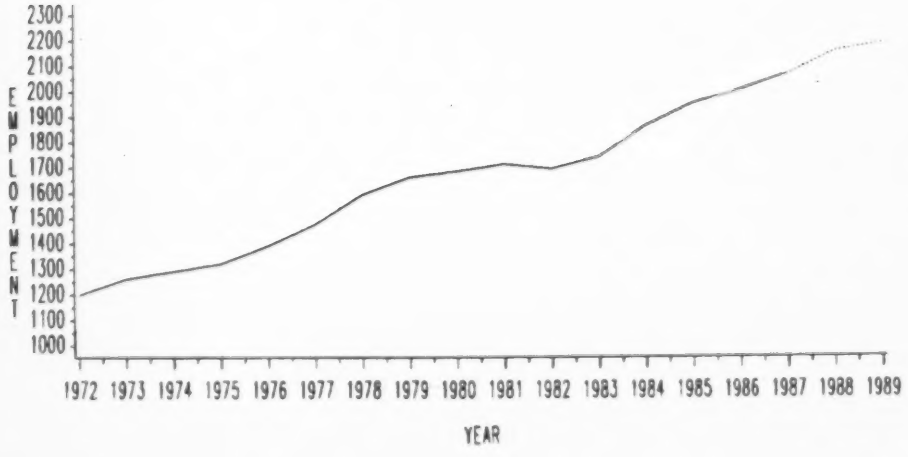
WHOLESALE TRADE EMPLOYMENT
CALIFORNIA 1973–1989
(In thousands)



Source: Employment Data and Research Division

FIGURE 19

RETAIL TRADE EMPLOYMENT
CALIFORNIA 1973–1989
(In thousands)



Source: Employment Data and Research Division

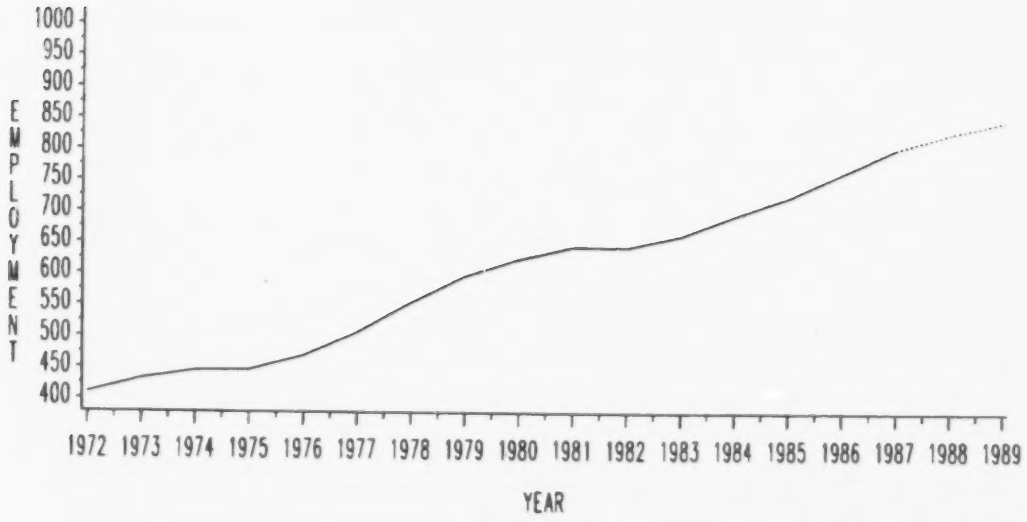
FINANCE, INSURANCE, AND REAL ESTATE

The finance, insurance, and real estate sector advanced by 5.2 percent in 1987 compared to 5.4 percent in 1986. Some 40,000 new jobs were added with the finance and insurance components contributing 70 percent of the growth. Even though the cost of single-family housing units continued to increase in 1987, stable interest rates enabled the real estate component to generate 10,500 new jobs. The 6.2 percent annual growth rate in real estate was down slightly from the 6.7 percent rate recorded the previous year, 1986. Savings and loan institutions also benefited from moderately low and stable interest rates with the finance component growing by 4.4 percent, or 16,000 new jobs. Also, the insurance component expanded by 5.6 percent with the addition of 11,800 jobs.

As interest rates and home prices continue to rise, the finance, insurance, and real estate sector should experience a noticeable contraction in 1988. For 1988, it is projected that employment in this sector will grow by 3.1 percent on an annual average basis. In 1989, a 2.4 percent growth rate is expected. This translates to an additional 25,000 and 20,000 jobs in 1988 and 1989, respectively.

FIGURE 20

FINANCE, INSURANCE, AND REAL ESTATE EMPLOYMENT
CALIFORNIA 1973-1989
(In thousands)



Source: Employment Data and Research Division

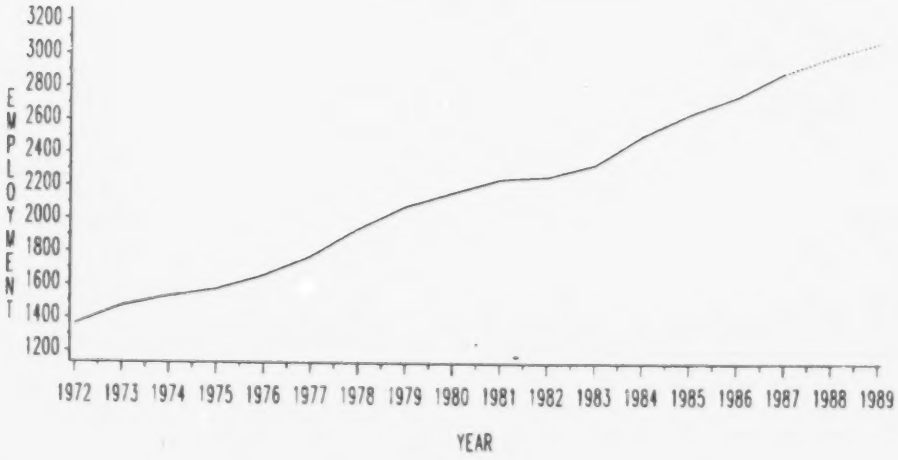
SERVICES

The services sector, which accounted for over 37 percent of all new nonagricultural wage and salary jobs created in 1987, grew by 5.4 percent during the year. Approximately 148,200 new jobs were created in the service industries with over 53 percent of the growth concentrated in the business services and health services components. The business services component advanced by 7.1 percent with some 48,500 new jobs; this represents a 19 percent increase over last year's (i.e., 1986) contribution of 40,800 jobs. In 1987, health services increased by 4.5 percent, or 30,300 jobs. The hotels and other lodging component exhibited a healthy 7.3 percent growth rate, expanding by 11,100 jobs. Other components exhibiting increases in 1987 were: personal services, up 9,200 jobs; motion pictures, up 7,700 jobs; and amusement and recreation, up 2,500. Also, the other services component, which includes legal services, private schools, colleges, universities, and libraries, social services, and engineering and accounting services, grew by 39,000 jobs during the year. In fact, increases in job growth were noted in all components of the services sector over the year, although, the automobile and miscellaneous repair component recorded a nominal increase of only 100 jobs.

As in 1987, the service-related industries are expected to provide a major share of new jobs. This sector should, in terms of numbers of new jobs, rank behind only the trade sector in 1988 and lead the state in 1989. In 1988, we project that 30 percent of all new jobs will be in the services. It is anticipated that this sector will grow by 3.5 percent in 1988 and 2.9 percent in 1989, adding 101,000 and 88,000 new jobs, respectively. Employment levels in this industry are projected to exceed 3,000,000 in 1988 and approach 3,100,000 in 1989.

FIGURE 21

SERVICES EMPLOYMENT
CALIFORNIA 1973-1989
(In thousands)



Source: Employment Data and Research Division

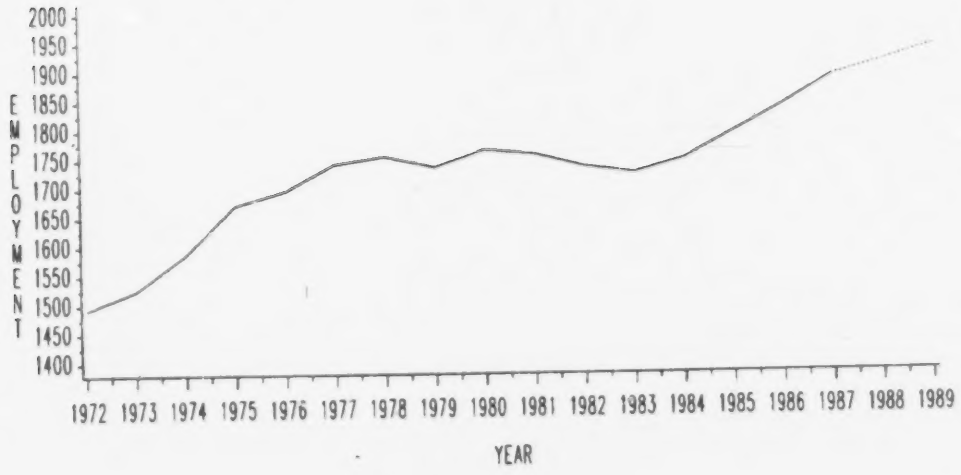
GOVERNMENT

The government sector, as a whole, posted a 2.8 percent gain in 1987 with the addition of 50,600 new jobs. This increase represents the largest absolute and percentage increase in job growth for this sector in this decade. All components in the government sector experienced an increase in employment, although, that increase, in some cases, was relatively small. Major gains noted in government employment in 1987 were in the state and local government component, which expanded by 48,700 jobs or 3.3 percent. Of this increase, 52 percent or 25,400 new jobs were in education; of the total job growth in education, over 95 percent of all new jobs were in local education. Employment in the federal government component in 1987 increased by a modest 0.5 percent or 1,900 jobs.

During the spring of 1988, it became evident that state revenue collections were not meeting original projections; estimates indicated that California had a $2 billion, two-year revenue shortfall. Even though the precise reasons for this shortfall are still not known, it seems that a principal cause was related to changes in investment strategies as a result of the new federal tax reform legislation. It is anticipated that reductions will be made in the 1988-1989 state budget. For 1988 and 1989, government employment is expected to increase by 1.3 percent each year. This represents an additional 25,000 jobs in 1988 and 24,000 jobs in 1989. Employment levels are estimated to average 1,914,000 in 1988 and 1,938,000 in 1989.

FIGURE 22

GOVERNMENT EMPLOYMENT
CALIFORNIA 1973-1989
(In thousands)



Source: Employment Data and Research Division

1985 - 1995

INDUSTRIAL AND OCCUPATIONAL

EMPLOYMENT OUTLOOK

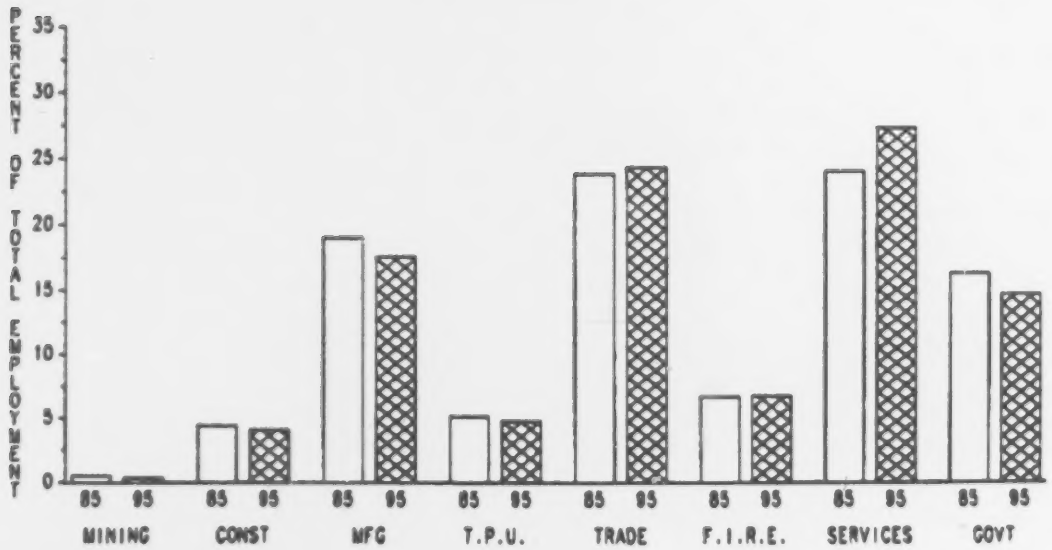
INDUSTRY EMPLOYMENT TRENDS

Projections of employment by industry are a measure of expectations regarding employment demands and, as such, serve as an important determinant of expectations with respect to the occupational structure of employment over the projection period. It is important to note that the 1995 projections presented in this report are based on industrial employment trends experienced in California between 1972 and 1986. As 1995 is approached, there may be fluctuations in the economy causing the 1995 figures to vary from those projected, but the trends should still be valid. It is these trends, not cyclical fluctuations, that have been estimated.

Table 5 shows that the total employment for California is expected to be 14,172,150 in 1995, an increase of 3,207,250 from 1985, or a 29.3 percent increase over the ten-year period. In this section, as well as in the occupational section, total employment includes wage and salary employment but does not include self-employment or agricultural employment, with the exception of selected agricultural services. A review of differences in the growth rates of the various industrial sectors which comprise the California economy is provided below. Figure 23 in conjunction with Table 5 provides an overview of the dominant trends expected over the projection period. Please note that since the occupational distribution of employment varies significantly between industries, any sharp deviations between expected and actual changes in industrial employment will affect trends in occupational employment discussed in the Occupational Employment Trends section.

FIGURE 23

INDUSTRY PROFILE
CALIFORNIA 1985-1995



Source: Occupational Information Group

TABLE 5

EMPLOYMENT BY MAJOR INDUSTRY
CALIFORNIA
1985–1995

INDUSTRY TITLE	1985 EMPLOYMENT	1985 PERCENT	1995 EMPLOYMENT	1995 PERCENT	NUMERIC CHANGE 1985–95	PERCENT CHANGE 1985–95
TOTAL, ALL INDUSTRIES	10,964,900	100.0%	14,172,150	100.0%	3,207,250	29.3%
MINING	50,510	0.5%	44,710	0.3%	-5,800	-11.5%
CONSTRUCTION	482,260	4.4%	575,020	4.1%	92,760	19.2%
MANUFACTURING, TOTAL	2,089,380	19.1%	2,493,520	17.6%	404,140	19.3%
DURABLE GOODS	1,451,820	13.2%	1,762,770	12.4%	310,950	21.4%
NONDURABLE GOODS	637,560	5.8%	730,750	5.2%	93,190	14.6%
TRANS, COMMUN, & PUBLIC UTILITIES	565,010	5.2%	681,120	4.8%	116,110	20.6%
WHOLESALE & RETAIL TRADE, TOTAL	2,615,310	23.9%	3,451,090	24.4%	835,780	32.0%
WHOLESALE TRADE	670,320	6.1%	880,050	6.2%	209,730	31.3%
RETAIL TRADE	1,944,990	17.7%	2,571,040	18.1%	626,050	32.2%
FINANCE, INSURANCE, & REAL ESTATE	730,140	6.7%	958,210	6.8%	228,070	31.2%
SERVICES	2,637,760	24.1%	3,876,850	27.4%	1,239,090	47.0%
GOVERNMENT	1,794,530	16.4%	2,091,630	14.8%	297,100	16.6%

SOURCE: OCCUPATIONAL INFORMATION GROUP

NOTE: SUM OF DETAIL MAY NOT MATCH TOTAL FOR A PARTICULAR INDUSTRY BECAUSE OF ROUNDING.

The eight major industries are discussed in the remainder of this section. The narrative which follows cites data that are listed in Table 58 in the Appendix.

MINING

Employment in the California mining industry is expected to decline at a rate of 1.2 percent annually from 50,510 in 1985 to 44,710 in 1995, or a decrease of 5,800 jobs. This decline is mainly due to a reduction of 6,090 jobs in the oil and gas extraction component, which has been adversely affected by the worldwide glut in oil supplies and the accompanying softening in oil prices. During 1985 employment in this component accounted for about 83 percent of all mining industry employment.

CONSTRUCTION

Between 1985 and 1995, employment gains in the construction sector are expected to average 1.9 percent annually with an addition of 92,760 new jobs by 1995. This represents 2.9 percent of all new jobs. Of the three major sub-sectors in the construction sector, special trade contracting is projected to lead in terms of relative growth with an average annual growth rate of 2.1 percent, adding 58,880 new jobs. By 1995, employment in special trades contracting is projected to comprise 60.2 percent of all the construction jobs.

Historically, employment in construction has been very sensitive to business cycle fluctuations, particularly with regard to movements in interest rates. During the 1981-82 recession, the construction sector registered large employment declines due to high interest rates and a weak economy. Since that time, it has gradually regained its employment losses and expanded beyond pre-recession levels. Over the projection period, factors expected to positively affect growth in construction employment include population growth with a gradual aging of the population and favorable long term prospects for inflation and interest rates. On the negative side, above average increases in construction costs and growth control measures in growing urban areas could dampen employment growth over this period.

MANUFACTURING

Manufacturing is expected to account for 12.6 percent of the total new employment growth between 1985 and 1995, adding approximately 404,140 new jobs to the State's economy. However, manufacturing's share of the total employment is expected to decline from 19.1 percent of all jobs in 1985 to 17.6 percent by 1995. The reason for this decrease in share of total employment is due to a shift from a goods-based to a services-based economy and to relatively larger productivity gains in the goods-producing industries. Over the projection period, employment in manufacturing is expected to grow at an average annual rate of 1.9 percent, compared to a rate of 2.9 percent for all industries combined.

In 1985, 69.5 percent of all manufacturing jobs were in the durable goods industries and 30.5 percent in nondurable goods industries. Between 1985 and 1995, durable goods industries are expected to grow faster, adding 310,950 new jobs or 76.9 percent of all new manufacturing jobs. Nondurable goods industries will contribute 93,190 new jobs, or 23.1 percent of all manufacturing jobs during the same period.

TRANSPORTATION, COMMUNICATION, AND UTILITIES

During the 1985 to 1995 period, it is anticipated that this sector will expand by 2.1 percent annually, adding approximately 116,110 new jobs to the California economy. This will account for 3.6 percent of the new job growth from all industries combined. However, this sector's share of the total employment is expected to decrease from 5.2 percent in 1985 to 4.8 percent in 1995. This decrease in the share is due to a smaller portion of gross national product (GNP) devoted to transportation at the federal, state, and local levels.

The transportation industry will contribute the greatest share of total employment in the transportation, communication, and utilities sector. It will add 82,980 new jobs at an annual growth rate of 2.6 percent. These new jobs will account for 71.5 percent of all new jobs in this sector. Within the transportation industry, the trucking and warehousing group will generate more than 48.8 percent of all new transportation-related jobs with job increases of 3.1 percent annually, or 40,520 jobs. The railroad industry will continue to decline and will lose 3,810 jobs by 1995.

The communications industry is expected to add 18,100 new jobs during the ten-year period. This will account for 15.6 percent of the new growth in the transportation, communications, and utilities sector. The telephone communications component is expected to lead the expansion in employment by adding 14,060 new jobs, or approximately 77.7 percent of the growth in the communications industry.

Utilities and sanitary services will add 15,030 new jobs to the sector by 1995. This represents less than 13 percent of the new jobs in the sector. Employment growth in utilities and sanitary services will be dominated by electric companies and systems, with slightly less than one-third of the new utility-related jobs.

TRADE

Wholesale and retail trade is projected to be the second largest growing sector in terms of absolute employment growth between 1985 and 1995. During this period, the trade sector is expected to add 835,780 new jobs, which is 26.1 percent of the total employment growth for all industries combined. This represents an annual growth rate of 3.2 percent.

Both the wholesale and retail components of trade are expected to add jobs at comparable rates. Wholesale trade, which made up 25.6 percent of all trade employment in 1985, will account for 25.5 percent of jobs in trade by 1995. Retail trade's share of total trade employment should amount to 74.5 percent by 1995.

Between 1985 and 1995, the wholesale trade group is expected to expand by 3.1 percent annually, for a total increase in jobs of 209,730. Sixty-one percent of these jobs will be in the durable goods component. The machinery, equipment, and supplies component is expected to generate about 27 percent of total new jobs in the wholesale trade group.

The retail trade group will expand at an annual rate of 3.2 percent. Between 1985 and 1995, 626,050 new jobs will be created in this group. The eating and drinking places component will play a dominant role in retail trade, accounting for 42.4 percent of all the new jobs in this retail industry. Other retail trade components expected to perform strongly over the decade include building materials, with a 4.2 percent annual rate of growth, furniture and home furnishings, with a 3.5 percent growth rate, and food stores and miscellaneous retail stores, which are expected to increase at a 3.3 percent annual rate.

FINANCE, INSURANCE, and REAL ESTATE

This sector is expected to experience job growth of 3.1 percent per year over the 1985 to 1995 period, adding 228,070 new jobs by 1995. Within the sector, the credit agencies and real estate industries will contribute the greatest number of new jobs, adding about 57,000 jobs each. The real estate industry will grow at an annual rate of 3.6 percent, while accounting for about 22 percent of this sector's total employment. The credit agencies other than banks are projected to grow at an annual rate of 4.5 percent, increasing their share of sector employment from 17.6 percent in 1985 to 19.5 percent in 1995.

SERVICES

The increasing importance of services-producing industries to both the U.S. and California economies will further strengthen the current leading role of services in contributing new jobs to the California economy. Services industries are expected to grow by 1,239,090 jobs or at an annual growth rate of 4.7 percent, accounting for 38.6 percent of the total growth in all industries over the ten-year period. Leading the services sector in total new job gains will be the business services industry, which includes firms engaged in advertising, mailing, services to dwellings and other buildings, personnel supply, computer and data processing, and miscellaneous business services. It is expected to grow by 429,200 jobs at an annual average rate of 6.7 percent. Other service industries expected to show significant employment gains include health services with a projected increase of 253,730 jobs at an annual rate of 3.9 percent; miscellaneous business services with 118,740 at an annual growth rate of 5.2 percent; and legal services with a gain of 70,860 jobs, or 7.7 percent per year. Other particularly strong service industries include hotel and other lodging places, social services, and educational services which are projected to add 77,900, 62,580, and 47,560 jobs, respectively.

GOVERNMENT

The government sector is expected to be the slowest growing sector in the State's economy (except for mining). Between 1985 and 1995, new jobs in government are expected to grow at an annual rate of less than 1.7 percent, adding about 297,100 new jobs. Efforts to reduce the federal budget deficit as well as continuing efforts to realize greater efficiency in government should result in moderate gains in government employment. Growth in federal government employment is expected to be less than that for both state and local governments in absolute and relative terms. Local government will be the leading contributor to growth in this sector, adding 224,780 new jobs for an annual growth rate of 2 percent. State government will expand by 59,350 jobs or at a 1.8 percent annual growth rate, while the federal government adds only 12,970 jobs over the projection period.

OCCUPATIONAL EMPLOYMENT TRENDS

The types of occupations in the California economy and the number of jobs in each of them are determined by many factors. Two of the major determinants are the expansion of industry employment due to increases in product demand and changes in the occupational structure of specific industries.

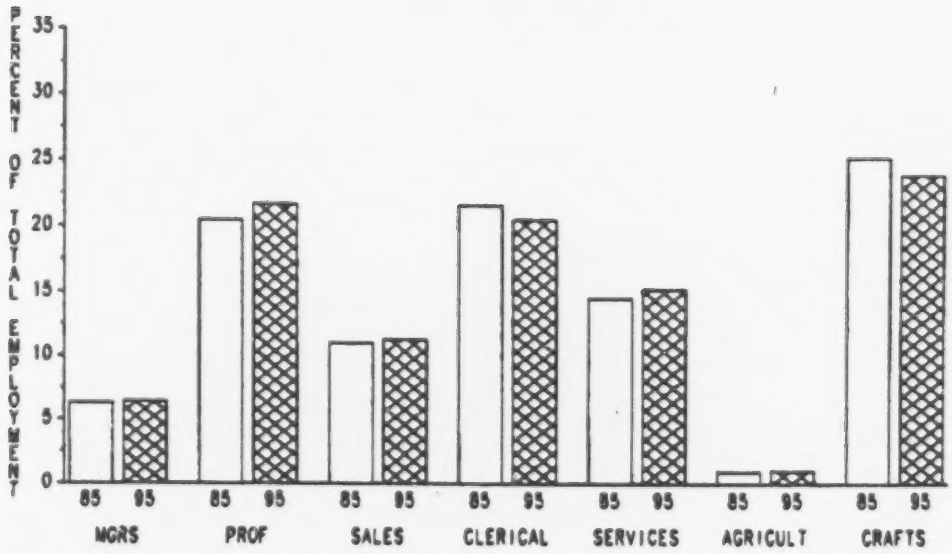
The growth of detailed industries has an effect on growth of occupations because occupations account for different proportions of employment in different industries. Occupations concentrated in high-growth industries will experience greater rates of increase in demand than will occupations concentrated in declining or slower growing industries.

The main causes of occupational structure changes within industries are technological change, changes in business practices and methods of operations, and product demand changes. For example, other things being equal, the adoption of more efficient productive techniques will result in greater shifts in demand for specific occupations than would otherwise be the case.

Figure 24 shows the magnitude of the expected changes in the distribution of employment by occupation for the major occupational groups over the projection period. In this section as well as in the industry section, total employment includes wage and salary employment but does not include self-employment or agricultural employment, with the exception of selected agricultural services. Total employment in the state is expected to reach 14.2 million by 1995.

FIGURE 24

OCCUPATIONAL PROFILE
CALIFORNIA 1985-1995



Source: Occupational Information Group

All major occupational groups will show job growth, with the two largest, the professional, paraprofessional, and technical group and the production, construction, operatives, and material handling group, accounting for close to half of all job growth. In addition to the 3.2 million new job opportunities arising from industry growth, another 3.7 million jobs will become available to replace workers who die, retire, or otherwise leave the labor force. The vast majority of occupations found in the state will offer job opportunities due to both industry growth and separations. However, there are some occupations that may experience a declining demand because of industry change, but still have job openings due to separations.

Between 1985 and 1995 the number of new jobs in California is expected to increase by about 29 percent. As shown in Table 6, five of the seven major occupational groups are expected to increase at an above average rate.

The professional, paraprofessional, and technical workers group will register the fastest increase, just under 37 percent. It is also expected to account for more job growth than any other group and to account for over 824,000 of the 3.2 million jobs expected to be added between 1985 and 1995. Many occupations in this group are expected to grow at a rapid rate, including computer-related specialties, engineering, health specialties, and teaching.

The number of service workers is projected to continue to grow faster than total employment, rising by over 35 percent. Over 564,000 new jobs will be added to this group. Among the occupations expected to show the most rapid growth are medical assistants, home health aides, and social welfare service aides.

The number of sales workers is projected to increase faster than average, rising by a little more than a third. There will be about 400,000 new sales jobs. Retail salespersons and cashiers will register the greatest gains.

Managers and administrative occupations are also expected to increase at a faster than average rate, increasing by 32.5 percent.

Two groups will grow at a rate slower than average. Clerical and administrative workers will be the slowest growing group, growing by only 22.4 percent during the ten-year period. Office automation will account for the slowing of the growth in this group. The production, construction, operating, maintenance, and material handling group will also increase at a fairly slow rate. However, since this is the largest occupational group, it will still be adding over 626,000 new jobs during the projections period.

The seven major occupational groups are discussed separately in the remainder of this section. The narrative which follows includes data that are listed in Tables 6, 7, and 8. For additional detail on occupational employment trends, refer to the Occupational Information Group's publication for California, Projections of Employment 1985-1995.

TABLE 6

EMPLOYMENT BY MAJOR OCCUPATIONAL GROUP
CALIFORNIA
1985–1995

OCCUPATIONAL GROUP	1985 EMPLOYMENT	1985 PERCENT	1995 EMPLOYMENT	1995 PERCENT	OPENINGS DUE TO GROWTH	PERCENT CHANGE 1985–95
TOTAL, ALL OCCUPATIONS	10,964,080	100.0%	14,171,480	100.0%	3,207,400	29.3%
MANAGERS AND ADMIN OCCUPATIONS	687,310	6.3%	910,500	6.4%	223,190	32.5%
PROFESSIONAL, PARAPROF, TECHNICAL	2,245,080	20.5%	3,069,330	21.7%	824,250	36.7%
SALES AND RELATED OCCUPATIONS	1,201,680	11.0%	1,603,900	11.3%	402,220	33.5%
CLERICAL, ADMINISTRATIVE SUPPORT	2,373,020	21.6%	2,904,390	20.5%	531,370	22.4%
SERVICE WORKERS, TOTAL	1,592,840	14.5%	2,157,470	15.2%	564,630	35.4%
PROTECTION SERVICES	198,900	1.8%	256,770	1.8%	57,870	29.1%
FOOD SERVICES	798,650	7.3%	1,113,810	7.9%	315,160	39.5%
HEALTH SERVICES	139,900	1.3%	192,400	1.4%	52,500	37.5%
CLEANING SERVICES	257,330	2.3%	335,880	2.4%	78,550	30.5%
MISCELLANEOUS PERSONAL SERVICES	96,250	0.9%	120,750	0.9%	24,500	25.5%
AGRICULTURAL, FORESTRY, FISHING	103,000	0.9%	138,420	1.0%	35,420	34.4%
PROD, CONST, OPER, MATL HANDLING	2,761,150	25.2%	3,387,470	23.9%	626,320	22.7%

SOURCE: OCCUPATIONAL INFORMATION GROUP

NOTE: SUM OF DETAIL FOR A PARTICULAR OCCUPATIONAL GROUP WILL NOT MATCH TOTAL FOR THAT GROUP BECAUSE SOME SUBGROUPS WERE EXCLUDED.

MANAGERS AND OFFICIALS

The number of managers and officials is expected to grow from 687,310 in 1985 to 910,500 in 1995 for an increase of just under one-third. This is a little faster than the overall forecasted increase of 29.3 percent.

This category includes managers and officials in all industries. In industries with rapidly increasing employment, the number of managers will likely increase at a faster rate than in slower growing industries. Food service and lodging managers, real estate managers, medicine and health service managers, and educational administrators are expected to grow at a rapid rate. Managers in government and in mining will not fare so well. The number of mining, oil, and gas related managers is expected to drop by 7.5 percent in the ten-year period, and postmasters and mail supervisors will show a very modest increase of under ten percent.

PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS

There are about 200 occupations in the professional, paraprofessional, and technical occupation group. They include management support workers, engineers, architects and surveyors, life, physical, and natural scientists and mathematicians, computer support personnel, teachers, social scientists, lawyers, and health care professionals.

This is the third largest occupational group in the state, accounting for one out of every five wage and salary jobs. Between 1985 and 1995 it is expected to be the fastest growing occupational group, adding close to 825,000 new jobs. More than one-quarter of all new jobs in California will be in the professional, paraprofessional, and technical fields. As shown in the accompanying tables, this category can boast both the fastest growing occupation, paralegal workers, and the occupation expected to post the sixth largest job gain, registered nurses.

Of the fifty occupations with the largest anticipated growth, eleven are in this category. Four of these are in the teaching field. The current baby-boom accounts for this and can be seen in the distribution of the new teachers. The largest percentage gain will be in the pre-school and kindergarten teachers, where an employment increase of 45 percent is projected. The number of elementary school teachers will rise by nearly 40 percent, while secondary school staffs will increase at a much slower rate of just under 24 percent.

Of the ten occupations in the state with the fastest projected growth rate, seven are in this occupational group, and three of these are among the top five. The fastest growing occupation in the state will be paralegals with a growth rate of 122 percent. The second will be computer programmers with an expected 72.9 percent growth rate. The fourth fastest growing occupation in the state is also a professional occupation, lawyers.

It is particularly important when using data from this report on professional occupations to remember that the employment levels include only wage and salary or payroll employment and do not include self-employed workers. Self-employment makes up a large proportion of all jobs in many professional occupations such as physicians or dentists. Consequently, our figures for these types of occupations will be very different from other sources of data which include self-employed individuals.

TABLE 7 - FIFTY OCCUPATIONS WITH LARGEST ABSOLUTE GROWTH--1985-1995*
CALIFORNIA

OCCUPATION	1985	1995	NUMBER OF NEW JOBS	PERCENT CHANGE
SALESPERSONS--RETAIL	409,700	523,470	113,770	27.8%
CASHIERS	211,980	300,800	88,820	41.9%
WAITERS AND WAITRESSES	184,130	262,160	78,030	42.4%
GENERAL MANAGERS, TOP EXECUTIVES	241,310	318,500	77,190	32.0%
GENERAL OFFICE CLERKS	324,880	395,120	70,240	21.6%
REGISTERED NURSES	140,170	207,280	67,110	47.9%
SECRETARIES, NEC	286,190	345,520	59,330	20.7%
BOOKKEEPING, ACCOUNTING CLERKS	241,230	300,150	58,920	24.4%
JANITORS, CLEANERS--EXCEPT MAIDS	170,220	222,340	52,120	30.6%
ACCOUNTANTS AND AUDITORS	99,240	147,180	47,940	48.3%
TEACHERS--ELEMENTARY SCHOOL	117,950	164,670	46,720	39.6%
ELECT AND ELECTRONIC ENGINEERS	82,130	127,500	45,370	55.2%
COMBINED FOOD PREP AND SERVICE	134,960	179,490	44,530	33.0%
SALES REPS, NON-SCIENTIFIC EX RET	107,910	146,800	38,890	36.0%
FOOD PREPARATION WORKERS	99,460	136,620	37,160	37.4%
COMPUTER PROGRAMMERS	50,280	86,940	36,660	72.9%
MAINT REPAIRERS, GENL UTILITY	102,350	137,920	35,570	34.8%
GUARDS AND WATCH GUARDS	81,800	116,390	34,590	42.3%
LAWYERS	42,220	71,470	29,250	69.3%
GARDENERS, GROUNDSKEEPERS-EX FARM	73,530	102,780	29,250	39.8%
TRUCK DRIVERS, LIGHT	89,110	117,460	28,350	31.8%
ELECT, ELECTRONIC ENGINEERING TECH	56,560	83,310	26,750	47.3%
COOKS--RESTAURANT	54,990	81,300	26,310	47.8%
RECEPTIONISTS, INFORMATION CLERKS	86,160	112,160	26,000	30.2%
FINANCIAL MANAGERS	74,580	100,110	25,530	34.2%
NURSE AIDES, ORDERLIES, ATTENDANTS	76,820	102,230	25,410	33.1%
TRUCK DRIVERS, HEAVY	97,160	122,570	25,410	26.2%
STOCK CLERKS--SALES FLOOR	86,320	110,380	24,060	27.9%
MAIDS AND HOUSEKEEPING CLEANERS	59,790	82,010	22,220	37.2%
AUTOMOTIVE MECHANICS	62,920	84,570	21,650	34.4%
SYSTEMS ANALYSTS--ELEC DATA PROC	33,960	55,440	21,480	63.3%
TEACHER AIDES--PARAPROFESSIONAL	79,290	100,220	20,930	26.4%
DINING RM ATTENDANTS, BAR HELPERS	49,590	70,270	20,680	41.7%
ASSEMB, FABRICATORS--EX MACH,ELECT	91,640	111,710	20,070	21.9%
HAND PACKERS AND PACKAGERS	60,120	79,610	19,490	32.4%
COOKS--SPECIALTY FAST FOOD	49,980	69,150	19,170	38.4%
TEACHERS--SECONDARY SCHOOL	80,810	99,760	18,950	23.5%
CARPENTERS	73,900	92,850	18,950	25.6%
LEGAL SECRETARIES	30,020	48,590	18,570	61.9%
TEACHERS--PRESCHOOL AND KINDERGART	39,060	56,680	17,620	45.1%
SALES REPS, SCIENTIFIC--EX RETAIL	41,510	57,550	16,040	38.6%
BARTENDERS	42,220	57,300	15,080	35.7%
LICENSED PRACTICAL NURSES	49,700	64,380	14,680	29.5%
TEACHER AIDES, EDUC ASSTS--CLER	47,860	62,460	14,600	30.5%
TELLERS	56,740	71,310	14,570	25.7%
TRAFFIC, SHIPPING, RECEIVING CLKS	75,270	89,830	14,560	19.3%
MKTING, ADV, PUB-REL MANAGERS	40,720	55,020	14,300	35.1%
SWITCHBOARD OPERATORS	35,950	50,150	14,200	39.5%
COMPUTER OPS--EX PERIPHERAL EQUIP	31,490	45,600	14,110	44.8%
COUNTER ATTENDANTS--FOOD	40,040	54,030	13,990	34.9%

* EXCLUDES "ALL OTHER" CATEGORIES.

SALES AND RELATED WORKERS

Sales and related workers will be among the faster growing occupational groups. The number of sales workers is anticipated to increase by about one-third by 1995.

Two occupations, retail salespersons and cashiers, make up over half of the employment in this category. These two occupations are expected to show the largest job gains of any occupations in the state between 1985 and 1995. Between them, they will account for about six percent of all new wage and salary jobs in the state. In other words, of every seventeen new jobs created in California between 1985 and 1995, one will be for either a retail salesperson or a cashier.

CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS

Clerical and administrative support workers, the second largest occupational group in 1985, is expected to slip to the number three position by 1995. This group will register the smallest percentage gain of any of the occupational groups, (22.4 percent), and is one of only two groups to grow at a rate slower than that of all occupations.

Office automation and technological change will result in actual declines in some occupations. One clerical occupation, stenographer, is expected to be the fastest declining occupation, as well as the occupation to lose the most workers. It will lose 4,000 workers, or over 28 percent of its employment. The number of postal workers is expected to fall by 1,000 workers, and central office operators, a type of telephone switchboard operator, is expected to decline minimally.

Some occupations, however, are expected to show above average growth. This is because of rapid growth rates in the employing industries or as a result of difficulties in automating the duties. Legal secretary is among the fastest growing occupations and is also among the top fifty job gainers. Additionally, the number of hotel desk clerks is expected to expand by over fifty percent, real estate clerks will add 46 percent to their ranks, and the occupations of insurance adjusters and bill collectors will each increase by close to 40 percent.

Lest we get the wrong impression, however, even though the group is growing at a slower pace it is still expected to add more than half a million new jobs in the ten-year period. Many of the occupations in this group are very large. Three of the six occupations in the state with over 200,000 workers in 1985 were clerical jobs. These occupations, general office clerks, secretaries (excluding legal and medical), and bookkeeping and accounting clerks, employed over 890,000 people in 1985 and will employ more than one million by 1995.

TABLE 8 - FIFTY FASTEST GROWING OCCUPATIONS--1985-1995*
CALIFORNIA

OCCUPATION	1985	1995	NUMBER OF NEW JOBS	PERCENT CHANGE
PARALEGAL PERSONNEL	6,880	15,290	8,410	122.2%
COMPUTER PROGRAMMERS	50,280	86,940	36,660	72.9%
DATA PROCESSING EQUIP REPAIRERS	13,190	22,670	9,480	71.9%
LAWYERS	42,220	71,470	29,250	69.3%
COMPUTER PROGRAMMER AIDES	11,630	19,180	7,550	64.9%
SYSTEMS ANALYSTS--ELEC DATA PROC	33,960	55,440	21,480	63.3%
AGRICULTURAL ENGINEERS	2,030	3,300	1,270	62.6%
LEGAL SECRETARIES	30,020	48,590	18,570	61.9%
PODIATRISTS	700	1,130	430	61.4%
LECTURERS	1,430	2,300	870	60.8%
ELECT AND ELECTRONIC ENGINEERS	82,130	127,500	45,370	55.2%
PHYSICAL THERAPISTS	6,130	9,470	3,340	54.5%
DEMONSTRATORS, PROMOTERS, MODELS	4,810	7,430	2,620	54.5%
INSTRUCTORS AND COACHES--SPORTS	15,300	23,580	8,280	54.1%
HOTEL DESK CLERKS	9,090	13,940	4,850	53.4%
MEDICAL ASSISTANTS	17,790	27,170	9,380	52.7%
SOCIAL WELFARE SERVICE AIDES	3,890	5,940	2,050	52.7%
PARKING LOT ATTENDANTS	5,400	8,240	2,840	52.6%
BIOLOGICAL,AGRI, FOOD TECHS	2,060	3,140	1,080	52.4%
EMPL INTERVIEWERS--PRIV OR PUB	5,620	8,550	2,930	52.1%
INSTRUCTORS--NON-VOC EDUCATION	10,000	15,140	5,140	51.4%
INTERVIEW CLERKS--EX PERS, WELFARE	13,390	20,270	6,880	51.4%
HOME HEALTH AIDES	4,260	6,430	2,170	50.9%
MED RECORDS TECHNI AND TECHNOL	3,620	5,460	1,840	50.8%
OCCUPATIONAL THERAPISTS	2,220	3,320	1,100	49.5%
HOUSEKEEPERS	9,500	14,200	4,700	49.5%
LANDSCAPE ARCHITECTS	3,660	5,470	1,810	49.5%
PHYSICAL THERAPY ASSISTANTS	3,810	5,680	1,870	49.1%
CORRESPONDENCE CLERKS	2,120	3,160	1,040	49.1%
AGRICULTURAL AND FOOD SCIENTISTS	1,820	2,710	890	48.9%
VETS AND VETERINARY INSPECTORS	6,730	10,020	3,290	48.9%
SURVEYING AND MAPPING TECHS	5,070	7,540	2,470	48.7%
ECONOMISTS--INCL MKT RESRCH ANALYS	2,450	3,640	1,190	48.6%
ACCOUNTANTS AND AUDITORS	99,240	147,180	47,940	48.3%
SALES AGENTS--REAL ESTATE	11,370	16,860	5,490	48.3%
BIOLOGICAL SCIENTISTS	4,580	6,790	2,210	48.3%
REGISTERED NURSES	140,170	207,280	67,110	47.9%
COOKS--RESTAURANT	54,990	81,300	26,310	47.8%
BROKERS--REAL ESTATE	5,120	7,550	2,430	47.5%
PUB REL SPECS, PUBLICITY WRITERS	7,520	11,080	3,560	47.3%
ELECT, ELECTRONIC ENGINEERING TECH	56,560	83,310	26,750	47.3%
DESIGNERS--EX INTERIOR DESIGNERS	15,380	22,630	7,250	47.1%
MAIL MACH OPS--PREP AND HANDLING	3,450	5,070	1,620	47.0%
DATA KEYERS--COMPOSING	2,710	3,980	1,270	46.9%
ARTISTS AND RELATED WORKERS	8,590	12,590	4,000	46.6%
HOSTS, HOSTESSES--RESTAURANTS	21,660	31,680	10,020	46.3%
TECHNICAL WRITERS	4,650	6,770	2,120	45.6%
REAL ESTATE CLERKS	1,320	1,920	600	45.5%
TEACHERS--PRESCHOOL AND KINDERGART	39,060	56,680	17,620	45.1%
COMPUTER OPS--EX PERIPHERAL EQUIP	31,490	45,600	14,110	44.8%

* EXCLUDES "ALL OTHER" CATEGORIES AND OCCUPATIONS WITH EMPLOYMENT OF LESS THAN 1,000 IN 1995.

SERVICE OCCUPATIONS

Services occupations were the fourth largest group of occupations in 1985 and are expected to remain there in 1995. It will be the second fastest growing occupational group with a growth rate of over 35 percent and will register the third largest increase, adding almost 565,000 workers.

Five occupations in this group will each grow by around fifty percent during the ten year period. They are as follows: medical assistants, social welfare aides, home health aides, housekeepers, and physical therapy assistants.

Services is divided into five major categories. Each will be covered separately in this narrative.

Protection Services

The protection services group is expected to increase at a rate of 29.1 and will employ over 256,700 workers by 1995. One occupation, guard, accounts for over 40 percent of the employment in this group and is expected to grow at a faster than average rate. By 1995 there will be over 116,000 guards in the state.

Food Services

Food services, the largest group in services, is expected to increase at the fastest rate, about 40 percent. Waiters and waitresses is the largest occupation in this group with over 184,000 jobs in 1985. It is anticipated that waiters and waitresses will show the third largest increase of all occupations in the state, adding over 78,000 new jobs by 1995. It will be one of only seven occupations employing more than a quarter of a million people.

Other food services jobs that are expected to increase by large numbers are restaurant and fast food cooks, combination food preparers and servers, food preparation workers, dining room attendants, and bartenders.

Health Services

Health services occupations are forecasted to increase by 37.5 percent in the ten year period. Medical assistants will be the fastest growing occupation in the group, adding 52.7 percent more workers. Authors writing about national occupational projections feel that this expected increase in medical assistants is caused by the growing acceptance of these workers as a cost-effective way to provide both clinical and clerical support to physicians and other health professionals. In California, home health aides are expected to increase by about 51 percent. Home health aides are expected to grow due to a number of factors, mainly a growing elderly population and a continuing trend to provide medical care outside of the hospital setting. Physical therapy assistants will also increase at a rapid rate.

Cleaning Services

Cleaning services workers, except private household, are expected to grow at about the same rate as the total for all occupations. Even though it is only increasing at an average rate, janitors, a very large occupation with over 170,000 workers in 1985, will add over 50,000 workers by 1995 to reach an employment total of over 222,000 jobs.

Miscellaneous Personal Services

The miscellaneous personal services category includes barbers, hairdressers, manicurists, flight attendants, recreation and amusement workers, and baggage porters and bellhops, as well as other categories. With the exception of baggage porters and bellhops and amusement and recreation attendants, these occupations which are listed are expected to expand at a slower than average rate. Barbers, in fact, are expected to show a slight decline.

AGRICULTURAL, FORESTRY, AND FISHING

This report does not include industry projections for most of agriculture. Only a small portion, including veterinary services, other animal services, and landscape and horticultural services, is covered.

Gardeners and groundskeepers make up over 70 percent of this occupational category. It is anticipated that this occupation will grow faster than average, adding close to 30,000 jobs in the ten-year time span.

PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING

This broad occupational group, which includes about 350 different occupations, is the largest of the occupational groups. Statewide, one in four workers was employed in a production, construction, operating, maintenance, or material handling occupation. This group is expected to increase slower than the average rate, by 23 percent between 1985 and 1995. Employment will increase from 2.8 million in 1985 to 3.4 million in 1995 for a gain of 625,000.

Blue collar worker supervisors are expected to increase by 18.1 percent and amount to about 200,000 workers by 1995.

The number of jobs for mechanics, installers, and repairers is expected to increase by over 28 percent, close to the average for all occupations. Employment in these occupations will increase to over 127,000 by 1995. The occupation of maintenance repairer, general utility, which is an all-round maintenance repairer, is expected to register the largest increase, rising by about 35,600 jobs to reach an employment level of 138,000. Automotive mechanics will show the second largest gain, adding nearly 22,000 new jobs.

Construction trades occupations are expected to expand at a slower than average rate of about 22 percent between 1985 and 1995, adding about 66,000 new jobs. Carpenters, the largest occupation in the category, is expected to increase by one-fourth in the ten-year period, adding close to 20,000 employees. Electricians is the second largest occupation in the category with a projected 1995 employment of about 53,000 jobs.

The precision production occupations category is projected to increase by about 22 percent during the forecast period. One of the fastest growing occupations in the category is cabinetmaker and bench carpenters with anticipated growth of over 36 percent. Machinists, the largest occupation in the category, is expected to grow at a slow rate of only 20 percent, but this is much faster than the national projection for the same time period.

The machine setters, set-up, operators, and tenders category is expected to increase at 18.6 percent. Sewing machine operators, garment and non-garment, are the two biggest occupations in the category. Together they will employ over 81,000 workers by 1995. Despite the impact of technology and foreign imports, they are expected to increase by close to 20 percent during the ten-year period. Two printing occupations, photoengraving and lithographic photographers and offset lithographic printers, are expected to grow at an above average rate.

Hand assemblers and fabricators are expected to grow by about 20 percent. Precision assemblers who work in high tech industries such as electronics, aircraft, and machine tools, are expected to increase at a slower rate than non-precision hand workers.

In the transportation and material moving machine operators category, the largest occupation is truck driver. Both light and heavy truck drivers are among the fifty occupations with the largest job growth. The number of light truck drivers is expected to increase by over 28,000 by 1995 for an increase of nearly one-third. Heavy truck drivers will add over 25,000 jobs by 1995 for an increase of just over one-fourth.

The projected 16 percent decline in the railroad industry will result in an employment decline in railroad occupations. Water transportation occupations will increase by only about 17 percent, and occupations in air transportation will increase at an average rate.

Occupations in the helpers, laborers, and hand material movers category are expected to grow at a slightly slower than average rate.

APPENDIX:

STATISTICAL TABLES

TABLE 9

LABOR FORCE AND EMPLOYMENT, NOT SEASONALLY ADJUSTED
UNITED STATES 1970–1987
(NUMBERS IN THOUSANDS)

UNITED STATES LABOR FORCE

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1970	80719	81283	81689	81960	81758	84087	84857	84191	82641	83288	83478	83301	82771
1971	82818	82885	82866	83116	83344	85228	86296	85984	84456	84974	85374	85255	84382
1972	84940	85180	85828	85759	86028	88540	89127	88894	87242	87741	87548	87593	87034
1973	86327	87303	87961	88127	88238	91124	91655	90888	89782	90547	90690	90520	89429
1974	89924	90273	90486	90366	90830	93481	94238	93446	92449	92909	92638	92368	91949
1975	92200	91972	92464	92459	92888	95174	96053	95525	94023	94510	94041	93995	93775
1976	93938	94075	94400	94782	94925	97499	98605	98133	96430	96999	97116	97004	96158
1977	96197	96837	97277	97352	97755	100743	100960	100744	99367	100144	100522	100213	99009
1978	99664	99641	100166	100610	101092	104010	104512	103946	102748	103474	103586	103565	102251
1979	102802	103185	103606	103198	103476	106210	107096	106489	105510	106084	105871	106040	104962
1980	105344	105412	105510	105592	106233	108311	109268	108404	106989	107673	107532	107009	106940
1981	106885	107015	107634	107906	108586	109904	110742	110099	108273	109244	109179	108574	108670
1982	108014	108324	108761	108814	109914	111569	112526	111887	110546	110767	110855	110477	110204
1983	109779	109647	109873	109875	110308	113383	113980	113578	112197	112042	112147	111795	111550
1984	111025	111368	111828	112152	113251	115393	116198	115076	113843	114250	114115	114028	113544
1985	113475	113592	114394	114325	114890	116572	117536	116679	115850	116346	116097	115780	115461
1986	115431	115725	116309	116317	117199	119644	120303	119471	118244	118699	118623	118049	117834
1987	117703	117967	118353	118347	119695	121153	122105	121614	119884	120744	120611	120206	119865

UNITED STATES EMPLOYMENT

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1970	77313	77489	77957	78408	78374	79416	80343	79965	78341	79019	78860	78651	78678
1971	77389	77427	77675	78404	78929	79717	80942	80897	79589	80375	80527	80527	79367
1972	79459	79734	80578	81027	81646	83073	83911	83993	82537	83223	83231	83424	82153
1973	81598	82405	83397	83900	84383	86217	87042	86616	85552	86717	86562	86390	85064
1974	84843	85061	85659	85994	86611	88022	88897	88479	87162	87779	86863	86169	86794
1975	83928	83573	84018	84551	85173	86507	87742	87726	86399	87160	86700	86689	85846
1976	85652	85932	86769	87786	88510	89727	90908	90690	89281	90041	89892	89850	88752
1977	88217	88601	89597	90660	91475	93154	93879	93846	92788	93779	94027	94183	92017
1978	92616	92755	93545	94783	95486	97530	97917	97855	96790	97851	97788	97669	96048
1979	96201	96536	97282	97478	98057	99800	100814	100174	99533	100120	99907	100013	98824
1980	98111	98235	98527	98569	98732	99830	100665	100202	99334	99999	99850	99579	99303
1981	98139	98401	99364	100345	100855	101419	102612	102152	100389	101028	100502	99562	100397
1982	97831	97946	98471	98858	99957	100683	101490	101177	99851	99825	99379	98849	99526
1983	97262	97265	97994	98840	99543	101813	103273	103167	102366	102659	103018	102803	100834
1984	101270	101961	102770	103628	105096	106812	107484	106694	105792	106262	106246	106049	105005
1985	104344	104690	105768	106175	106880	107819	108854	108628	107867	108428	108282	108063	107150
1986	106959	106685	107643	108201	109041	110869	111832	111515	110229	110857	110751	110588	109597
1987	109084	109464	110229	111041	112377	113498	114652	114527	113027	113898	113809	113679	112440

SOURCE: U. S. DEPARTMENT OF COMMERCE, CURRENT POPULATION SURVEY

TABLE 10

UNEMPLOYMENT AND UNEMPLOYMENT RATE, NOT SEASONALLY ADJUSTED
UNITED STATES 1970–1987
(NUMBERS IN THOUSANDS)

UNITED STATES UNEMPLOYMENT

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1970	3406	3794	3732	3552	3385	4671	4514	4226	4300	4269	4618	4650	4093
1971	5429	5458	5190	4712	4415	5511	5354	5086	4867	4599	4846	4728	5016
1972	5481	5446	5250	4732	4382	5467	5216	4901	4705	4518	4317	4169	4882
1973	4730	4898	4564	4227	3855	4907	4613	4273	4230	3830	4127	4130	4365
1974	5081	5212	4826	4372	4219	5459	5341	4967	5287	5131	5775	6199	5156
1975	8272	8399	8446	7908	7715	8667	8311	7799	7624	7350	7341	7307	7929
1976	8286	8143	7631	6996	6415	7772	7697	7443	7148	6958	7224	7154	7406
1977	7980	8237	7680	6692	6280	7589	7081	6897	6579	6365	6495	6031	6991
1978	7048	6886	6621	5826	5605	6481	6597	6090	5958	5624	5797	5896	6202
1979	6602	6649	6325	5720	5419	6409	6282	6315	5978	5964	5964	6027	6137
1980	7234	7177	6983	7023	7501	8481	8603	8202	7655	7674	7682	7430	7637
1981	8746	8614	8271	7561	7731	8485	8130	7947	7884	8216	8676	9013	8273
1982	10183	10378	10290	9957	9957	10886	11036	10710	10695	10942	11476	11628	10678
1983	12517	12382	11879	11035	10765	11570	10707	10411	9830	9383	9129	8992	10717
1984	9755	9407	9057	8525	8154	8582	8714	8382	8051	7989	7869	7978	8539
1985	9131	8902	8625	8150	8011	8753	8682	8051	7984	7917	7815	7717	8312
1986	8472	9041	8667	8115	8158	8775	8471	7955	8015	7842	7872	7461	8237
1987	8620	8503	8124	7306	7318	7655	7453	7088	6857	6845	6802	6526	7425

UNITED STATES UNEMPLOYMENT RATE

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1970	4.2	4.7	4.6	4.3	4.1	5.6	5.3	5.0	5.2	5.1	5.5	5.6	4.9
1971	6.6	6.6	6.3	5.7	5.3	6.5	6.2	5.9	5.8	5.4	5.7	5.5	5.9
1972	6.5	6.4	6.1	5.5	5.1	6.2	5.9	5.5	5.4	5.1	4.9	4.8	5.6
1973	5.5	5.6	5.2	4.8	4.4	5.4	5.0	4.7	4.7	4.2	4.6	4.6	4.9
1974	5.7	5.8	5.3	4.8	4.6	5.8	5.7	5.3	5.7	5.5	6.2	6.7	5.6
1975	9.0	9.1	9.1	8.6	8.3	9.1	8.7	8.2	8.1	7.8	7.8	7.8	8.5
1976	8.8	8.7	8.1	7.4	6.8	8.0	7.8	7.6	7.4	7.2	7.4	7.4	7.7
1977	8.3	8.5	7.9	6.9	6.4	7.5	7.0	6.8	6.6	6.4	6.5	6.0	7.1
1978	7.1	6.9	6.6	5.8	5.5	6.2	6.3	5.9	5.8	5.4	5.6	5.7	6.1
1979	6.4	6.4	6.1	5.5	5.2	6.0	5.9	5.9	5.7	5.6	5.6	5.7	5.8
1980	6.9	6.8	6.6	6.7	7.1	7.8	7.9	7.6	7.2	7.1	7.1	6.9	7.1
1981	8.2	8.0	7.7	7.0	7.1	7.7	7.3	7.2	7.3	7.5	7.9	8.3	7.6
1982	9.4	9.6	9.5	9.2	9.1	9.8	9.8	9.6	9.7	9.9	10.4	10.5	9.7
1983	11.4	11.3	10.8	10.0	9.8	10.2	9.4	9.2	8.8	8.4	8.1	8.0	9.6
1984	8.8	8.4	8.1	7.6	7.2	7.4	7.5	7.3	7.1	7.0	6.9	7.0	7.5
1985	8.0	7.8	7.5	7.1	7.0	7.5	7.4	6.9	6.9	6.8	6.7	6.7	7.2
1986	7.3	7.8	7.5	7.0	7.0	7.3	7.0	6.7	6.8	6.6	6.6	6.3	7.0
1987	7.3	7.2	6.9	6.2	6.1	6.3	6.1	5.8	5.7	5.7	5.6	5.4	6.2

SOURCE: U. S. DEPARTMENT OF COMMERCE, CURRENT POPULATION SURVEY

TABLE 11

LABOR FORCE AND EMPLOYMENT, SEASONALLY ADJUSTED
UNITED STATES 1970–1987
(NUMBERS IN THOUSANDS)

UNITED STATES LABOR FORCE

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1970	81981	82151	82498	82727	82483	82484	82901	82880	82954	83276	83548	83670	NA
1971	83850	83603	83575	83946	84135	83706	84340	84673	84731	84872	85458	85625	NA
1972	85978	86036	86611	86614	86809	87006	87143	87517	87392	87491	87592	87943	NA
1973	87487	88364	88846	89018	88977	89548	89604	89509	89838	90131	90716	90890	NA
1974	91199	91485	91453	91287	91596	91868	92212	92059	92488	92518	92766	92780	NA
1975	93128	92776	93165	93399	93884	93575	94021	94162	94202	94267	94250	94409	NA
1976	94934	94998	95215	95746	95847	95885	96583	96741	96553	96704	97254	97348	NA
1977	97208	97785	98115	98330	98665	99093	98913	99366	99453	99815	100576	100491	NA
1978	100873	100837	101092	101574	101896	102371	102399	102511	102795	103080	103562	103809	NA
1979	104057	104502	104589	104172	104171	104638	105002	105096	105530	105700	105812	106258	NA
1980	106562	106697	106442	106591	106929	106780	107159	107105	107098	107405	107568	107352	NA
1981	108026	108242	108553	108925	109222	108396	108556	108725	108294	109024	109236	108912	NA
1982	109089	109467	109567	109820	110451	110081	110342	110514	110721	110744	111050	111083	NA
1983	110695	110634	110587	110828	110796	111879	111756	112231	112298	111926	112228	112327	NA
1984	112213	112630	112711	113129	113620	113831	113947	113692	113836	114015	114185	114570	NA
1985	114760	114903	115311	115338	115211	115021	115289	115311	115881	116087	116155	116319	NA
1986	116751	116951	117183	117334	117481	118112	118115	118150	118345	118424	118671	118576	NA
1987	118978	119230	119246	119363	119907	119608	119890	120306	119963	120387	120594	120722	NA

UNITED STATES EMPLOYMENT

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1970	78780	78698	78863	78930	78564	78413	78726	78624	78498	78685	78650	78594	NA
1971	78864	78700	78588	78987	79139	78757	79305	79539	79689	79918	80297	80471	NA
1972	80959	81108	81573	81655	81887	82083	82230	82578	82543	82616	82990	83400	NA
1973	83161	83912	84452	84559	84648	85185	85299	85204	85488	85987	86320	86401	NA
1974	86555	86754	86819	86669	86891	86941	87149	87037	87051	86995	86626	86144	NA
1975	85627	85256	85187	85189	85451	85355	85894	86234	86279	86370	86456	86665	NA
1976	87400	87672	87985	88416	88794	88563	89093	89223	89173	89274	89634	89803	NA
1977	89928	90342	90808	91271	91754	91959	92084	92441	92702	93052	93761	94105	NA
1978	94384	94519	94755	95394	95769	96343	96090	96431	96670	97133	97485	97581	NA
1979	97948	98329	98480	98103	98331	98679	99006	98776	99340	99404	99574	99933	NA
1980	99879	99995	99713	99233	98945	98682	98796	98824	99077	99317	99545	99634	NA
1981	99955	100191	100571	101056	101048	100298	100693	100689	100064	100378	100207	99645	NA
1982	99692	99762	99672	99576	100116	99543	99493	99633	99504	99215	99112	99032	NA
1983	99161	99089	99179	99560	99642	100633	101208	101608	102016	102039	102729	102996	NA
1984	103197	103827	103973	104365	105159	105610	105429	105167	105478	105634	105985	106212	NA
1985	106296	106573	106990	106942	106907	106607	106809	107125	107635	107788	108000	108163	NA
1986	108904	108524	108853	108961	109037	109671	109837	110035	110047	110194	110457	110657	NA
1987	111014	111344	111455	111806	112334	112300	112639	113050	112872	113210	113504	113744	NA

SOURCE: U. S. DEPARTMENT OF COMMERCE, CURRENT POPULATION SURVEY

TABLE 12

UNEMPLOYMENT AND UNEMPLOYMENT RATE, SEASONALLY ADJUSTED
UNITED STATES 1970–1987
(NUMBERS IN THOUSANDS)

UNITED STATES UNEMPLOYMENT

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1970	3201	3453	3635	3797	3919	4071	4175	4256	4456	4591	4898	5076	NA
1971	4986	4903	4987	4959	4996	4949	5035	5134	5042	4954	5161	5154	NA
1972	5019	4926	5038	4959	4922	4923	4913	4939	4849	4875	4602	4543	NA
1973	4326	4452	4394	4459	4329	4363	4305	4305	4350	4144	4396	4489	NA
1974	4644	4731	4634	4618	4705	4927	5063	5022	5437	5523	6140	6636	NA
1975	7501	7520	7978	8210	8433	8220	8127	7928	7923	7897	7794	7744	NA
1976	7534	7326	7230	7330	7053	7322	7490	7518	7380	7430	7620	7545	NA
1977	7280	7443	7307	7059	6911	7134	6829	6925	6751	6763	6815	6386	NA
1978	6489	6318	6337	6180	6127	6028	6309	6080	6125	5947	6077	6228	NA
1979	6109	6173	6109	6069	5840	5959	5996	6320	6190	6296	6238	6325	NA
1980	6683	6702	6729	7358	7984	8098	8363	8281	8021	8088	8023	7718	NA
1981	8071	8051	7982	7869	8174	8098	7863	8036	8230	8646	9029	9267	NA
1982	9397	9705	9895	10244	10335	10538	10849	10881	11217	11529	11938	12051	NA
1983	11534	11545	11408	11268	11154	11246	10548	10623	10282	9887	9499	9331	NA
1984	9016	8803	8738	8764	8461	8221	8518	8525	8358	8381	8200	8358	NA
1985	8464	8330	8321	8396	8304	8414	8480	8186	8246	8299	8155	8156	NA
1986	7847	8427	8330	8373	8444	8441	8278	8115	8298	8230	8214	7919	NA
1987	7964	7886	7791	7557	7573	7308	7251	7256	7091	7177	7090	6978	NA

UNITED STATES UNEMPLOYMENT RATE

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1970	3.9	4.2	4.4	4.6	4.8	4.9	5.0	5.1	5.4	5.5	5.9	6.1	NA
1971	5.9	5.9	6.0	5.9	5.9	5.9	6.0	6.1	6.0	5.8	6.0	6.0	NA
1972	5.8	5.7	5.8	5.7	5.7	5.7	5.6	5.6	5.5	5.6	5.3	5.2	NA
1973	4.9	5.0	4.9	5.0	4.9	4.9	4.8	4.8	4.8	4.6	4.8	4.9	NA
1974	5.1	5.2	5.1	5.1	5.1	5.4	5.5	5.5	5.9	6.0	6.6	7.2	NA
1975	8.1	8.1	8.6	8.8	9.0	8.8	8.6	8.4	8.4	8.4	8.3	8.2	NA
1976	7.9	7.7	7.6	7.7	7.4	7.6	7.8	7.8	7.6	7.7	7.8	7.8	NA
1977	7.5	7.6	7.4	7.2	7.0	7.2	6.9	7.0	6.8	6.8	6.8	6.4	NA
1978	6.4	6.3	6.3	6.1	6.0	5.9	6.2	5.9	6.0	5.8	5.9	6.0	NA
1979	5.9	5.9	5.8	5.8	5.6	5.7	5.7	6.0	5.9	6.0	5.9	6.0	NA
1980	6.3	6.3	6.3	6.9	7.5	7.6	7.8	7.7	7.5	7.5	7.5	7.2	NA
1981	7.5	7.4	7.4	7.2	7.5	7.5	7.2	7.4	7.6	7.9	8.3	8.5	NA
1982	8.6	8.9	9.0	9.3	9.4	9.6	9.8	9.8	10.1	10.4	10.8	10.8	NA
1983	10.4	10.4	10.3	10.2	10.1	10.1	9.4	9.5	9.2	8.8	8.5	8.3	NA
1984	8.0	7.8	7.8	7.7	7.4	7.2	7.5	7.5	7.3	7.4	7.2	7.3	NA
1985	7.4	7.2	7.2	7.3	7.2	7.3	7.4	7.1	7.1	7.1	7.0	7.0	NA
1986	6.7	7.2	7.1	7.1	7.2	7.1	7.0	6.9	7.0	6.9	6.9	6.7	NA
1987	6.7	6.6	6.5	6.3	6.3	6.1	6.0	6.0	5.9	6.0	5.9	5.8	NA

SOURCE: U. S. DEPARTMENT OF COMMERCE, CURRENT POPULATION SURVEY

TABLE 13

LABOR FORCE AND EMPLOYMENT, NOT SEASONALLY ADJUSTED
CALIFORNIA 1970–1987
(NUMBERS IN THOUSANDS)

CALIFORNIA LABOR FORCE

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1970	8059	8088	8055	8132	8060	8212	8399	8300	8129	8192	8237	8153	8167
1971	8217	8257	8283	8363	8417	8385	8692	8677	8396	8379	8361	8412	8407
1972	8444	8435	8531	8547	8529	8788	8870	8825	8638	8767	8747	8771	8653
1973	8674	8714	8667	8640	8666	8838	9058	9086	9093	9186	9170	9154	8910
1974	9083	9153	9194	9100	9201	9358	9565	9507	9415	9423	9401	9409	9317
1975	9438	9388	9426	9499	9456	9575	9691	9593	9542	9601	9577	9675	9539
1976	9764	9741	9749	9689	9691	9921	10074	9996	9924	9962	10111	10116	9896
1977	10120	10166	10168	10181	10262	10366	10492	10597	10407	10469	10586	10582	10367
1978	10571	10686	10836	10858	10887	10926	11066	11048	10990	10999	10983	11085	10911
1979	11119	11142	11055	10993	11057	11212	11421	11476	11356	11430	11421	11537	11268
1980	11424	11402	11469	11462	11455	11556	11748	11897	11609	11649	11715	11626	11584
1981	11729	11693	11716	11762	11715	11733	11909	11965	11745	11912	11933	11929	11812
1982	11940	11984	11993	12038	12114	12195	12389	12356	12252	12318	12272	12276	12178
1983	12202	12176	12127	12059	12201	12383	12381	12445	12317	12303	12409	12370	12281
1984	12333	12292	12359	12374	12442	12715	12823	12853	12719	12802	12809	12808	12610
1985	12938	12903	12915	12919	12841	13001	13127	13057	12949	13156	13003	12969	12981
1986	12996	13164	13229	13178	13154	13415	13537	13504	13440	13497	13520	13365	13334
1987	13351	13535	13597	13665	13783	13808	13960	13875	13790	13825	13906	13862	13747

CALIFORNIA EMPLOYMENT

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1970	7570	7523	7534	7660	7567	7609	7753	7727	7494	7571	7530	7453	7575
1971	7383	7396	7554	7608	7734	7717	7876	7904	7688	7695	7673	7765	7669
1972	7735	7729	7828	7899	7899	8078	8197	8182	8052	8112	8105	8186	7996
1973	7986	7986	8007	7997	8098	8239	8447	8404	8529	8632	8590	8571	8286
1974	8397	8438	8555	8498	8648	8682	8809	8865	8728	8763	8679	8603	8638
1975	8460	8412	8451	8562	8558	8597	8691	8698	8630	8737	8658	8728	8598
1976	8709	8795	8850	8850	8981	9064	9105	9096	9046	9058	9106	9210	8990
1977	9126	9242	9282	9309	9450	9488	9594	9760	9612	9703	9745	9850	9513
1978	9735	9808	9968	10075	10125	10141	10169	10278	10289	10345	10319	10388	10137
1979	10317	10359	10320	10309	10438	10552	10709	10748	10663	10772	10770	10842	10566
1980	10675	10635	10742	10661	10687	10718	10912	11021	10828	10875	10884	10892	10794
1981	10796	10755	10843	10919	10995	10942	11025	11142	10926	10998	11003	10904	10938
1982	10820	10835	10833	10904	11025	11053	11067	11101	11069	11046	10928	10925	10967
1983	10772	10729	10801	10864	10991	11137	11204	11262	11295	11311	11388	11380	11095
1984	11204	11212	11295	11421	11544	11773	11749	11885	11761	11911	11896	11922	11631
1985	11900	11945	11967	11982	11989	12019	12114	12105	12039	12214	12144	12156	12048
1986	12144	12147	12284	12296	12350	12546	12517	12605	12610	12665	12636	12523	12444
1987	12436	12628	12739	12876	13018	13059	13123	13125	13026	13055	13190	13185	12955

SOURCE: U. S. DEPARTMENT OF COMMERCE, CURRENT POPULATION SURVEY

TABLE 14

UNEMPLOYMENT AND UNEMPLOYMENT RATE, NOT SEASONALLY ADJUSTED
CALIFORNIA 1970–1987
(NUMBERS IN THOUSANDS)

CALIFORNIA UNEMPLOYMENT

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1970	488	565	522	472	493	603	646	574	635	621	706	700	592
1971	834	862	729	755	683	669	817	773	708	685	687	647	739
1972	709	706	703	648	631	710	672	643	585	655	643	585	656
1973	689	728	661	643	568	599	611	682	564	554	580	583	624
1974	686	715	639	602	552	676	755	642	687	661	723	805	679
1975	979	977	975	936	898	978	1000	896	912	865	919	947	941
1976	1056	946	899	839	710	858	969	900	878	904	1005	906	906
1977	995	924	886	872	812	878	898	837	795	766	841	732	853
1978	836	878	868	783	763	785	897	770	701	654	664	696	775
1979	802	784	735	684	619	660	712	728	693	657	651	695	702
1980	749	767	728	801	768	837	836	877	781	774	831	733	790
1981	932	938	873	844	720	791	885	823	819	914	930	1025	875
1982	1120	1149	1160	1135	1089	1142	1322	1255	1183	1272	1344	1351	1210
1983	1430	1447	1326	1195	1210	1246	1177	1183	1023	992	1021	990	1187
1984	1129	1080	1064	952	899	942	1074	968	958	892	913	886	980
1985	1038	958	949	937	852	982	1013	952	910	942	859	813	934
1986	852	1017	946	882	805	869	1020	899	831	833	883	842	890
1987	915	907	858	789	766	750	837	750	764	770	716	677	792

CALIFORNIA UNEMPLOYMENT RATE

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1970	6.1	7.0	6.5	5.8	6.1	7.3	7.7	6.9	7.8	7.6	8.6	8.6	7.3
1971	10.1	10.4	8.8	9.0	8.1	8.0	9.4	8.9	8.4	8.2	8.2	7.7	8.8
1972	8.4	8.4	8.2	7.6	7.4	8.1	7.6	7.3	6.8	7.5	7.3	6.7	7.6
1973	7.9	8.3	7.6	7.4	6.6	6.8	6.7	7.5	6.2	6.0	6.3	6.4	7.0
1974	7.6	7.8	7.0	6.6	6.0	7.2	7.9	6.8	7.3	7.0	7.7	8.6	7.3
1975	10.4	10.4	10.3	9.9	9.5	10.2	10.3	9.3	9.6	9.0	9.6	9.8	9.9
1976	10.8	9.7	9.2	8.7	7.3	8.6	9.6	9.0	8.9	9.1	9.9	8.9	9.2
1977	9.8	9.1	8.7	8.6	7.9	8.5	8.6	7.9	7.6	7.3	7.9	6.9	8.2
1978	7.9	8.2	8.0	7.2	7.0	7.2	8.1	7.0	6.4	5.9	6.0	6.3	7.1
1979	7.2	7.0	6.6	6.2	5.6	5.9	6.2	6.3	6.1	5.8	5.7	6.0	6.2
1980	6.6	6.7	6.3	7.0	6.7	7.2	7.1	7.4	6.7	6.6	7.1	6.3	6.8
1981	7.9	8.0	7.5	7.2	6.1	6.7	7.4	6.9	7.0	7.7	7.8	8.6	7.4
1982	9.4	9.6	9.7	9.4	9.0	9.4	10.7	10.2	9.7	10.3	11.0	11.0	9.9
1983	11.7	11.9	10.9	9.9	9.9	10.1	9.5	9.5	8.3	8.1	8.2	8.0	9.7
1984	9.2	8.8	8.6	7.7	7.2	7.4	8.4	7.5	7.5	7.0	7.1	6.9	7.8
1985	8.0	7.4	7.3	7.3	6.6	7.6	7.7	7.3	7.0	7.2	6.6	6.3	7.2
1986	6.6	7.7	7.1	6.7	6.1	6.5	7.5	6.7	6.2	6.2	6.5	6.3	6.7
1987	6.9	6.7	6.3	5.8	5.6	5.4	6.0	5.4	5.5	5.6	5.1	4.9	5.8

SOURCE: U. S. DEPARTMENT OF COMMERCE, CURRENT POPULATION SURVEY

TABLE 15

LABOR FORCE AND EMPLOYMENT, SEASONALLY ADJUSTED
CALIFORNIA 1970–1987
(NUMBERS IN THOUSANDS)

CALIFORNIA LABOR FORCE

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1970	8129	8144	8102	8203	8149	8136	8170	8136	8180	8217	8241	8207	NA
1971	8288	8311	8328	8440	8506	8316	8466	8516	8442	8402	8364	8460	NA
1972	8509	8486	8574	8631	8620	8725	8651	8674	8674	8781	8753	8809	NA
1973	8730	8763	8711	8736	8753	8779	8851	8954	9123	9190	9181	9180	NA
1974	9125	9196	9237	9203	9279	9307	9372	9391	9443	9422	9420	9418	NA
1975	9472	9427	9464	9608	9521	9531	9513	9493	9568	9599	9605	9673	NA
1976	9786	9776	9782	9798	9746	9890	9912	9897	9949	9961	10148	10099	NA
1977	10135	10202	10196	10284	10315	10344	10339	10495	10434	10470	10622	10555	NA
1978	10583	10726	10866	10950	10945	10920	10919	10934	11022	10999	11007	11046	NA
1979	11138	11189	11090	11078	11118	11220	11273	11356	11391	11422	11428	11497	NA
1980	11446	11456	11520	11543	11521	11566	11596	11775	11645	11634	11703	11587	NA
1981	11756	11754	11781	11842	11783	11732	11755	11837	11788	11891	11913	11905	NA
1982	11971	12054	12074	12117	12193	12172	12225	12201	12293	12298	12254	12284	NA
1983	12234	12246	12200	12137	12282	12341	12213	12307	12357	12277	12397	12403	NA
1984	12364	12360	12422	12446	12528	12654	12656	12728	12751	12772	12804	12863	NA
1985	12975	12970	12962	12985	12927	12928	12961	12941	12975	13122	13004	13041	NA
1986	13039	13227	13264	13231	13239	13342	13373	13399	13467	13459	13525	13450	NA
1987	13403	13593	13619	13710	13863	13737	13799	13777	13815	13784	13912	13950	NA

CALIFORNIA EMPLOYMENT

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1970	7691	7666	7611	7714	7603	7558	7566	7548	7504	7540	7522	7464	NA
1971	7506	7537	7629	7670	7768	7670	7694	7726	7693	7658	7660	7773	NA
1972	7859	7869	7902	7972	7931	8034	8025	8010	8048	8065	8089	8191	NA
1973	8110	8121	8081	8081	8125	8196	8289	8246	8517	8573	8576	8572	NA
1974	8520	8561	8628	8590	8664	8641	8669	8721	8714	8699	8669	8597	NA
1975	8581	8523	8518	8657	8560	8559	8569	8570	8616	8673	8653	8715	NA
1976	8823	8896	8911	8942	8973	9033	8997	8979	9036	8998	9106	9186	NA
1977	9230	9338	9337	9396	9443	9464	9491	9653	9604	9647	9743	9814	NA
1978	9829	9907	10025	10158	10123	10129	10067	10170	10282	10290	10304	10342	NA
1979	10410	10468	10384	10392	10439	10548	10606	10636	10650	10710	10740	10795	NA
1980	10770	10761	10823	10744	10690	10710	10807	10902	10807	10804	10839	10849	NA
1981	10898	10892	10937	10999	10995	10922	10921	11022	10905	10921	10956	10870	NA
1982	10933	10984	10946	10979	11028	11010	10968	10950	11048	10967	10883	10913	NA
1983	10891	10873	10910	10932	10992	11073	11111	11128	11279	11228	11352	11383	NA
1984	11324	11350	11393	11480	11548	11693	11659	11767	11749	11828	11866	11935	NA
1985	12022	12076	12050	12031	11996	11929	12027	11997	12032	12134	12121	12179	NA
1986	12266	12270	12354	12332	12356	12457	12429	12506	12610	12590	12616	12554	NA
1987	12559	12745	12799	12904	13020	12970	13037	13031	13027	12984	13172	13221	NA

SOURCE: U. S. DEPARTMENT OF COMMERCE, CURRENT POPULATION SURVEY

TABLE 16

UNEMPLOYMENT AND UNEMPLOYMENT RATE, SEASONALLY ADJUSTED
CALIFORNIA 1970–1987
(NUMBERS IN THOUSANDS)

CALIFORNIA UNEMPLOYMENT

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1970	438	478	491	489	546	578	604	588	676	677	719	743	NA
1971	782	774	699	770	738	646	772	790	749	744	704	687	NA
1972	650	617	672	659	689	691	626	664	626	716	664	618	NA
1973	620	642	630	655	628	583	562	708	606	617	605	608	NA
1974	605	635	609	613	615	666	703	670	729	723	751	821	NA
1975	891	904	946	951	961	972	944	923	952	926	952	958	NA
1976	963	880	871	856	773	857	915	918	913	963	1042	913	NA
1977	905	864	859	888	872	880	848	842	830	823	879	741	NA
1978	754	819	841	792	822	791	852	764	740	709	703	704	NA
1979	728	721	706	686	679	672	667	720	741	712	688	702	NA
1980	676	695	697	799	831	856	789	873	838	830	864	738	NA
1981	858	862	844	843	788	810	834	815	883	970	957	1035	NA
1982	1038	1070	1128	1138	1165	1162	1257	1251	1245	1331	1371	1371	NA
1983	1343	1373	1290	1205	1290	1268	1102	1179	1078	1049	1045	1020	NA
1984	1040	1010	1029	966	980	961	997	961	1002	944	938	928	NA
1985	953	894	912	954	931	999	934	944	943	988	883	862	NA
1986	773	957	910	899	883	885	944	893	857	869	909	896	NA
1987	844	848	820	806	843	767	762	746	788	800	740	729	NA

CALIFORNIA UNEMPLOYMENT RATE

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1970	5.4	5.9	6.1	6.0	6.7	7.1	7.4	7.2	8.3	8.2	8.7	9.1	NA
1971	9.4	9.3	8.4	9.1	8.7	7.8	9.1	9.3	8.9	8.9	8.4	8.1	NA
1972	7.6	7.3	7.8	7.6	8.0	7.9	7.2	7.7	7.2	8.2	7.6	7.0	NA
1973	7.1	7.3	7.2	7.5	7.2	6.6	6.3	7.9	6.6	6.7	6.6	6.6	NA
1974	6.6	6.9	6.6	6.7	6.6	7.2	7.5	7.1	7.7	7.7	8.0	8.7	NA
1975	9.4	9.6	10.0	9.9	10.1	10.2	9.9	9.7	9.9	9.6	9.9	9.9	NA
1976	9.8	9.0	8.9	8.7	7.9	8.7	9.2	9.3	9.2	9.7	10.3	9.0	NA
1977	8.9	8.5	8.4	8.6	8.5	8.5	8.2	8.0	8.0	7.9	8.3	7.0	NA
1978	7.1	7.6	7.7	7.2	7.5	7.2	7.8	7.0	6.7	6.4	6.4	6.4	NA
1979	6.5	6.4	6.4	6.2	6.1	6.0	5.9	6.3	6.5	6.2	6.0	6.1	NA
1980	5.9	6.1	6.1	6.9	7.2	7.4	6.8	7.4	7.2	7.1	7.4	6.4	NA
1981	7.3	7.3	7.2	7.1	6.7	6.9	7.1	6.9	7.5	8.2	8.0	8.7	NA
1982	8.7	8.9	9.3	9.4	9.6	9.5	10.3	10.3	10.1	10.8	11.2	11.2	NA
1983	11.0	11.2	10.6	9.9	10.5	10.3	9.0	9.6	8.7	8.5	8.4	8.2	NA
1984	8.4	8.2	8.3	7.8	7.8	7.6	7.9	7.6	7.9	7.4	7.3	7.2	NA
1985	7.3	6.9	7.0	7.3	7.2	7.7	7.2	7.3	7.3	7.5	6.8	6.6	NA
1986	5.9	7.2	6.9	6.8	6.7	6.6	7.1	6.7	6.4	6.5	6.7	6.7	NA
1987	6.3	6.2	6.0	5.9	6.1	5.6	5.5	5.4	5.7	5.8	5.3	5.2	NA

SOURCE: U. S. DEPARTMENT OF COMMERCE, CURRENT POPULATION SURVEY

TABLE 17

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT BY MAJOR INDUSTRY GROUP
CALIFORNIA ANNUAL AVERAGE 1939–1987

YEAR	TOTAL	MINING	CONST	MFG	TPU	TRADE	FIRE	SVC	GOVT
1939	1,812.2	40.0	78.8	384.4	185.1	504.7	93.9	274.7	250.3
1940	1,931.8	40.0	92.1	440.2	190.3	524.2	98.3	280.4	266.3
1941	2,264.9	40.1	138.5	593.6	213.0	572.1	102.4	297.4	307.8
1942	2,689.6	33.8	155.5	876.0	233.8	588.0	97.2	321.3	384.1
1943	3,083.6	29.4	140.3	1,165.5	250.8	596.1	94.9	341.5	465.0
1944	3,116.4	29.9	135.9	1,109.7	268.0	614.0	93.2	355.2	510.6
1945	2,961.3	30.6	139.0	860.8	279.5	654.2	97.8	365.7	533.7
1946	2,972.6	33.5	177.7	706.7	295.5	737.1	116.9	405.0	500.2
1947	3,080.0	34.2	209.0	721.8	312.6	774.7	125.8	418.9	483.0
1948	3,162.8	35.6	232.7	734.2	317.9	790.6	132.3	418.7	500.9
1949	3,088.1	34.4	204.4	701.5	306.0	767.2	134.2	415.6	524.6
1950	3,209.4	32.3	235.0	759.7	307.1	783.2	142.1	416.8	533.3
1951	3,518.3	35.0	250.9	892.5	327.1	820.9	150.3	441.7	599.9
1952	3,737.8	35.9	250.6	994.6	336.3	852.6	157.9	469.0	640.9
1953	3,880.7	37.3	261.5	1,060.8	346.6	881.1	166.7	480.4	646.4
1954	3,866.1	36.1	255.0	1,048.6	336.5	877.2	170.4	487.8	654.5
1955	4,082.9	36.8	284.0	1,121.1	347.4	915.6	180.4	516.5	681.2
1956	4,352.3	37.0	302.3	1,218.0	364.9	963.1	193.2	549.2	724.6
1957	4,525.2	36.5	287.5	1,283.8	372.8	986.9	203.7	593.1	760.9
1958	4,498.6	33.4	286.7	1,217.4	353.7	973.0	212.6	623.2	798.6
1959	4,774.8	32.4	308.4	1,312.6	354.8	1,030.8	226.2	677.2	832.4
1960	4,896.0	30.6	294.8	1,317.2	356.9	1,067.6	243.2	711.7	874.0
1961	4,996.1	30.3	294.4	1,318.0	351.2	1,080.6	253.0	748.3	920.3
1962	5,217.7	30.2	307.7	1,382.5	357.0	1,121.4	265.4	790.7	962.8
1963	5,412.3	29.6	329.0	1,394.3	360.3	1,169.0	281.0	847.5	1,001.6
1964	5,606.5	31.0	340.4	1,389.4	371.0	1,224.5	296.7	910.0	1,043.5
1965	5,800.3	31.7	323.7	1,411.2	387.1	1,269.7	306.7	964.8	1,105.4
1966	6,145.2	32.3	305.6	1,531.3	410.3	1,329.3	310.6	1,029.1	1,196.7
1967	6,367.6	31.9	275.2	1,594.0	428.7	1,358.7	319.3	1,085.5	1,274.3
1968	6,642.1	32.5	290.7	1,639.7	440.7	1,418.1	337.8	1,146.8	1,335.8
1969	6,931.5	32.6	310.6	1,661.3	460.7	1,493.0	358.4	1,223.2	1,391.7
1970	6,946.2	31.4	303.0	1,558.0	459.1	1,529.3	374.5	1,266.2	1,424.7
1971	6,917.0	30.4	301.5	1,473.2	452.6	1,545.2	386.8	1,281.0	1,446.3
1972	7,209.9	29.2	312.4	1,542.7	454.1	1,608.6	409.3	1,361.0	1,492.7
1973	7,621.9	30.5	333.4	1,660.7	467.0	1,703.2	431.6	1,470.6	1,524.8
1974	7,834.3	32.7	317.8	1,701.3	470.7	1,751.9	444.8	1,529.1	1,586.0
1975	7,847.2	33.9	285.9	1,593.7	458.1	1,786.3	446.4	1,572.4	1,670.6
1976	8,154.2	34.7	301.3	1,659.8	463.9	1,875.6	468.7	1,654.6	1,695.6
1977	8,599.7	35.6	350.4	1,737.8	476.5	1,982.4	505.4	1,770.9	1,740.7
1978	9,199.8	37.1	401.9	1,884.6	506.4	2,126.0	553.2	1,937.4	1,753.1
1979	9,664.6	39.3	448.7	2,012.7	534.7	2,223.8	595.9	2,074.6	1,735.0
1980	9,848.8	43.5	428.3	2,018.2	546.3	2,266.9	623.1	2,158.8	1,763.9
1981	9,985.3	49.2	407.6	2,032.3	554.8	2,301.6	642.9	2,240.5	1,756.4
1982	9,810.3	50.4	349.0	1,957.7	542.8	2,275.3	642.4	2,257.7	1,735.2
1983	9,965.8	48.1	369.3	1,949.3	536.9	2,343.9	661.7	2,332.2	1,724.3
1984	10,573.8	50.0	445.2	2,065.5	554.6	2,507.4	694.2	2,509.5	1,747.4
1985	10,979.1	49.9	496.2	2,076.1	568.7	2,626.1	724.5	2,644.8	1,792.8
1986	11,258.1	42.6	531.0	2,069.7	574.6	2,686.4	763.7	2,751.3	1,838.8
1987	11,657.7	40.4	582.0	2,104.9	583.0	2,754.6	803.7	2,899.5	1,889.4

SOURCE: EMPLOYMENT DATA AND RESEARCH DIVISION

TABLE 18

ANNUAL AVERAGE NUMBER OF WAGE AND SALARY WORKERS BY INDUSTRY
CALIFORNIA 1980–1987 (A)
(IN THOUSANDS)

INDUSTRY	SIC CODE	1980	1981	1982	1983	1984	1985	1986	1987
AGRICULTURE (B)	01–09	352.3	354.4	358.9	347.3	347.3	335.4	327.6	345.3
AGRICULTURAL PROD	01–02	261.9	258.6	260.7	250.3	248.6	232.7	222.0	224.1
AGRICULTURAL SERV (C)	07–09	90.3	95.8	98.3	97.1	98.7	102.7	105.6	121.2
TOTAL NONAGRICULTURE	10–97	9848.8	9985.3	9810.3	9965.8	10573.8	10979.1	11258.1	11657.7
MINING	10–14	43.5	49.2	50.4	48.1	50.0	49.9	42.6	40.4
METAL MINING	10	2.2	2.5	1.9	1.7	1.6	1.7	1.9	2.2
FUEL MINING	12–13	33.4	39.4	41.9	40.1	41.7	41.1	34.0	31.4
NONMETAL MINING	14	7.9	7.3	6.6	6.3	6.7	7.1	6.7	6.9
CONSTRUCTION (D)	15–17	428.3	407.6	349.0	369.3	445.2	496.2	531.0	582.0
GENERAL BLDG CONTRACTORS	15	116.9	106.6	86.4	93.1	116.8	130.6	140.7	153.4
HEAVY CONSTRUCTION	16	74.4	72.1	61.6	60.7	64.3	67.2	69.7	75.9
SPECIAL TRADE CONTRACTORS	17	237.1	228.8	201.0	215.6	264.1	298.4	320.5	352.7
MANUFACTURING	20–39	2018.2	2032.3	1957.7	1949.3	2065.5	2076.1	2069.7	2104.9
NONDURABLE GOODS	20–23,26–31	638.8	648.3	628.1	622.0	639.2	635.7	652.7	680.3
DURABLE GOODS	24–25,32–39	1379.3	1384.0	1329.6	1327.3	1426.3	1440.4	1417.0	1424.6
FOOD & KINDRED	20	186.6	186.8	182.5	173.4	173.3	169.2	170.6	173.5
CANNED, CURED, FROZ FISH	2091–2	10.4	10.3	9.1	8.9	6.8	5.2	5.5	5.7
MEAT PRODUCTS	201	20.2	18.9	18.6	16.7	17.1	17.4	17.4	19.3
DAIRY PRODUCTS	202	13.9	14.7	14.0	13.5	13.0	12.6	12.6	12.3
PRSRVD FRUITS & VEGTBLS	203	56.9	56.1	55.4	52.0	53.6	51.3	50.4	50.6
GRAIN MILL PRODUCTS	204	8.5	8.4	8.3	8.3	8.2	8.0	8.1	8.4
BAKERY PRODUCTS	205	19.0	19.0	19.2	19.0	19.4	19.4	20.0	20.0
BEVERAGES	208	24.8	25.9	26.0	25.4	25.2	25.6	26.7	26.5
OTHER FOOD	20 OTHER	32.9	33.7	31.8	29.7	30.0	29.8	30.0	30.6
TEXTILE MILL PRODUCTS	22	14.4	13.7	12.4	13.0	13.7	13.9	14.9	16.2
KNITTING MILLS	225	2.7	2.5	2.5	2.7	3.3	3.8	4.3	4.8
FLOOR COVERING MILLS	227	5.4	5.0	4.0	3.8	4.0	3.9	4.1	4.3
OTHR TEXTILE MILL PRODS	22 OTHER	6.3	6.2	5.9	6.4	6.4	6.2	6.5	7.2
APPAREL & OTHER TEXTILE	23	106.5	107.7	102.4	103.2	108.0	107.2	114.7	125.1
MEN'S AND BOYS'	232	13.4	13.1	11.9	12.0	11.5	9.6	9.5	10.0
WOMEN'S & MISSES'	233	63.6	64.4	62.6	63.1	67.0	69.3	75.7	83.9
WOMEN'S & CHILDS UNDGMTS	234	4.4	4.5	4.1	4.0	4.1	3.8	3.9	3.8
CHILDREN'S OUTWEAR	236	1.6	1.8	2.0	2.1	2.3	2.1	2.4	2.7
OTR APPAREL & TEXTILE	23 OTHER	23.6	24.0	21.8	21.9	23.1	22.4	23.2	24.7

TABLE 18 (CONTINUED)

ANNUAL AVERAGE NUMBER OF WAGE AND SALARY WORKERS BY INDUSTRY
CALIFORNIA 1980–1987 (A)
(IN THOUSANDS)

INDUSTRY	SIC CODE	1980	1981	1982	1983	1984	1985	1986	1987
PAPER & ALLIED PRODUCTS	26	38.9	38.5	37.3	37.0	38.7	39.6	40.0	41.9
MISC CONVERTED PAPER	264	14.9	14.7	15.2	15.2	15.8	15.9	16.4	17.0
PAPERBOARD CONTAINERS	265	17.3	16.9	15.8	15.5	16.7	17.6	17.5	18.7
PULP,PAPER & PAPERBOARD	26 OTHER	6.7	6.9	6.3	6.3	6.2	6.1	6.1	6.2
PRINTING & PUBLISHING	27	123.2	125.1	124.5	128.3	136.5	140.1	145.1	151.6
NEWSPAPERS	271	42.8	43.2	42.5	43.2	46.4	47.7	48.9	51.0
COMMERCIAL PRINTING	275	49.3	48.9	48.4	50.7	53.3	54.3	56.0	58.1
OTHER PRINTING & PUB	27 OTHER	31.2	33.0	33.6	34.5	36.8	38.1	40.2	42.4
CHEMALS & ALLIED	28	66.1	68.3	65.7	63.8	64.1	63.7	64.7	66.8
INDUSTRIAL INORGANIC	281	7.3	7.6	7.5	7.1	7.4	7.4	7.4	7.0
PLASTICS MATERIAL & SYN	282	3.6	3.5	3.4	3.3	3.3	3.1	2.9	2.7
DRUGS	283	17.8	19.3	19.4	19.5	19.3	19.0	20.1	21.8
SOAP, CLEANERS, TOILET	284	13.9	14.5	13.3	12.1	12.4	12.4	13.0	13.8
PAINT & ALLIED PRODUCTS	285	7.4	7.4	6.7	6.7	7.2	7.5	7.5	7.2
AGRICULTURE CHEMICALS	287	5.4	5.3	4.6	4.1	3.9	3.6	3.3	3.3
OTHR CHEMICALS & ALLIED	28 OTHER	10.7	10.8	10.9	10.9	10.7	10.8	10.6	10.9
PETROLEUM & COAL PRODUCTS	29	27.7	31.0	31.7	31.0	30.0	28.8	27.7	26.6
PETROLEUM REFINING	291	24.1	27.4	28.2	27.5	26.5	25.7	24.7	23.6
OTHER PETROLEUM & COAL	29 OTHER	3.6	3.6	3.5	3.6	3.5	3.1	3.0	3.1
RUBBER & MISC PLASTIC	30	64.7	65.1	61.2	62.8	66.5	65.7	68.1	71.7
TIRES AND INNER TUBES	301	2.6	1.5	1.4	1.3	1.3	1.2	1.1	1.1
RUBBER FOOT & FAB RUB	302,6	10.0	10.3	9.7	10.0	10.4	10.0	9.9	10.2
MISC PLASTICS PRODUCTS	307	51.0	52.3	49.1	50.5	54.1	53.6	55.9	59.4
OTHER RUBBER & PLASTICS	30 OTHER	1.2	1.1	1.0	0.9	0.8	1.0	1.2	1.1
LEATHER AND LEATHER PRODS	31	10.9	12.0	10.5	9.5	8.5	7.5	7.0	6.8
LUMBER & WD PROD EXC FURN	24	61.1	57.1	46.3	50.6	55.1	56.1	60.1	64.9
LOGGING CAMP & SAW MILL	241-2	24.2	21.8	18.1	19.7	20.9	20.5	20.9	21.3
MILLWORK & PLYWOOD	243	16.3	15.2	12.6	14.3	16.9	18.4	20.9	24.2
WOODEN CONTAINERS	244	4.6	4.2	3.8	3.7	4.0	4.1	4.6	5.0
OTHR LUMBER & WOOD PROD	24 OTHER	16.0	15.9	11.9	12.9	13.2	13.0	13.7	14.3
FURNITURE & FIXTURES	25	54.0	55.0	49.0	51.6	59.2	58.9	59.5	62.2
HOUSEHOLD FURNITURE	251	33.8	33.6	29.3	31.1	34.9	34.2	34.5	36.0
PARTITIONS AND FIXTURES	254	6.9	6.9	6.3	6.8	8.4	8.3	8.4	8.9
OTHER FURNITURE AND FIX	25 OTHER	13.3	14.5	13.4	13.8	16.0	16.5	16.6	17.3

TABLE 18 (CONTINUED)

ANNUAL AVERAGE NUMBER OF WAGE AND SALARY WORKERS BY INDUSTRY
CALIFORNIA 1980-1987 (A)
(IN THOUSANDS)

INDUSTRY	SIC CODE	1980	1981	1982	1983	1984	1985	1986	1987
STONE, CLAY & GLASS PROD	32	57.4	56.7	50.4	48.7	51.6	50.8	52.5	53.7
GLASS & GLASS PRODUCTS	321-3	17.7	17.6	16.3	15.8	15.8	15.1	15.3	15.4
CEMENT, HYDRAULIC	324	3.7	3.7	3.7	3.3	3.2	2.9	2.9	2.8
STRUCTURAL CLAY PRODUCTS	325	3.3	3.2	2.5	2.4	2.3	2.2	2.2	2.0
POTTERY AND RELATED	326	6.1	6.0	4.7	4.5	4.7	4.1	4.1	4.5
CONCRETE & PLASTER PRODS	327	16.5	16.1	14.0	14.2	16.5	17.2	18.3	19.9
OTHR STONE,CLAY & GLASS	32 OTHER	10.2	10.1	9.3	8.4	9.1	9.4	9.9	9.1
PRIMARY METAL INDUSTRIES	33	57.3	54.9	47.6	43.5	42.6	41.6	40.8	40.6
BLAST FURNACE & STEEL	331	17.7	16.1	12.3	9.9	7.7	7.9	7.7	7.9
IRON & STEEL FOUNDRIES	332	8.8	8.9	8.0	6.5	6.7	6.4	6.1	6.1
NONFEROUS ROLING & DRAW	335	15.8	14.6	13.0	13.4	13.7	13.3	12.8	12.4
NONFEROUS FOUNDRIES	336	10.4	10.5	9.7	9.7	10.3	10.0	10.3	10.6
OTHER PRIMARY METALS	33 OTHER	4.7	4.7	4.5	4.0	4.2	4.1	3.9	3.7
FABRICATED METAL PRODUCTS	34	155.0	152.3	138.8	137.9	146.7	143.5	135.9	133.4
CANS AND SHIPPING CONT	341	10.5	9.8	9.1	8.9	8.4	8.3	7.9	7.6
CUTLERY, HANDTOOL, HDWR	342	16.7	15.7	14.5	14.1	15.0	14.3	14.0	14.1
PLUMBING & HEATING	343	7.6	7.4	6.7	6.7	7.4	7.7	7.4	6.9
STRUCTURAL METAL PRODS	344	50.8	50.2	45.3	44.5	47.0	45.1	41.7	41.0
SCREW MACHINE PRODUCTS	345	15.5	15.0	12.1	11.4	12.4	12.6	12.3	12.5
METAL FORGING AND STAMP	346	14.3	14.2	13.5	14.2	15.7	15.8	15.6	15.0
METAL SERVICES, NEC	347	19.9	20.0	18.3	18.9	20.3	19.9	19.3	19.8
OTHER FABRICATED METAL	34 OTHER	19.8	19.9	19.3	19.2	20.5	19.9	17.6	16.4
MACHINERY EXC ELECTRICAL	35	236.0	234.5	227.6	223.4	239.2	229.4	214.0	214.8
FARM & GARDEN MACHINERY	352	5.5	5.7	5.0	4.7	4.6	4.3	3.7	4.1
CONSTRUCTION & RELATED	353	21.7	23.3	20.8	14.1	14.3	13.5	11.1	10.0
METALWORKING MACHINERY	354	20.0	18.9	16.8	16.3	17.8	17.7	16.3	15.5
SPECIAL INDUSTRY MACH	355	13.1	13.4	13.0	12.6	13.7	13.3	12.0	11.7
GENERAL INDUSTRY MACH	356	21.6	20.8	19.5	18.3	19.7	19.7	18.2	17.7
OFFICE & COMPUTING MACH	357	97.9	98.4	103.9	109.9	117.9	111.4	107.2	110.6
REFRIGERATION & SERVICE	358	7.7	8.0	8.3	8.4	8.6	9.2	9.0	8.8
OTHR MACHINERY EXC ELEC	35 OTHER	48.4	45.9	40.4	39.2	42.6	40.3	36.5	36.4
ELECTRICAL EQUIP & SUP	36	340.9	351.4	358.0	365.4	406.3	413.4	399.7	395.4
ELECTRI DISTRIBUTION EQ	361	9.6	9.3	8.5	8.0	10.7	11.7	11.5	11.2
INDUSTRIAL APPARATUS	362	14.8	14.3	13.2	12.1	14.4	13.2	11.2	10.7
HOUSEHOLD APPLIANCES	363	5.6	6.2	4.7	4.5	3.9	3.9	3.8	4.0
LIGHTING & WIRING EQUIP	364	23.3	22.3	20.2	20.0	22.0	22.6	23.2	23.9
RADIO & TV RECEIVING EQ	365	17.6	17.3	14.9	13.5	13.7	13.6	14.0	14.5
COMMUNICATION EQUIPMENT	366	137.3	146.5	157.2	158.7	167.2	179.1	179.5	174.2
ELECTRONIC COMP & ACCESS	367	124.2	126.1	131.0	139.8	165.3	160.8	148.6	148.7
MISC ELEC EQUIP & SUP	369	8.5	9.5	8.3	8.9	9.2	8.4	7.9	8.3

TABLE 18 (CONTINUED)

ANNUAL AVERAGE NUMBER OF WAGE AND SALARY WORKERS BY INDUSTRY
CALIFORNIA 1980-1987 (A)
(IN THOUSANDS)

INDUSTRY	SIC CODE	1980	1981	1982	1983	1984	1985	1986	1987
TRANSPORTATION EQUIPMENT	37	278.1	278.0	266.3	261.9	277.5	297.3	306.7	313.5
MOTOR VEHICLES & EQUIP	371	34.6	35.0	30.6	30.3	33.4	33.6	32.5	33.2
AIRCRAFT AND PARTS	372	151.0	147.9	137.3	133.3	141.1	156.7	167.4	173.9
SHIP & BOAT BLDG & REP	373	23.0	22.9	22.4	18.7	18.2	17.5	15.4	13.7
GUIDED MISS, SPACE VECH	376	58.6	62.7	66.4	69.3	73.8	78.1	81.0	82.2
OTHER TRANSPORT & EQUIP	37 OTHER	10.9	9.5	9.6	10.4	11.1	11.4	10.4	10.5
INSTRUMENTS & RELATED	38	99.9	102.6	102.4	103.7	110.1	113.9	112.2	111.0
MEASURING & CONTROLLING	382	46.0	48.2	47.6	47.5	51.1	54.1	54.3	53.5
OTHER INSTR & RELATED	38 OTHER	54.0	54.4	54.8	56.2	59.0	59.8	58.0	57.5
MISC MANUFACT INDUSTRIES	39	39.6	41.5	43.2	40.6	37.9	35.5	35.5	35.2
TOYS AND SPORTING GOODS	394	16.1	18.0	21.0	18.3	15.1	13.2	12.4	12.5
OTHR MISC MANUFACTURING	39 OTHER	23.5	23.6	22.2	22.3	22.9	22.3	23.0	22.7
TRANSPORTATION & PUB UTLTY	40-49	546.3	554.8	542.8	536.9	554.6	568.7	574.6	583.0
TRANSPORTATION	40-47	304.6	300.2	287.5	288.5	307.1	319.3	330.1	337.3
RAILROADS	40	31.3	30.0	26.7	24.3	24.7	23.6	21.5	19.2
TRUCKING AND WAREHOUSING	42	117.6	115.7	111.9	115.6	124.6	130.6	136.7	140.2
OTHER TRANSPORTATION	OTHER	155.7	154.5	149.0	148.6	157.9	165.1	171.9	177.9
COMMUNICATIONS	48	171.3	182.4	182.9	173.6	169.5	168.2	160.9	160.6
ELECTRIC GAS & SANITARY	49	70.4	72.2	72.4	74.9	78.0	81.3	83.6	85.1
WHOLESALE & RETAIL TRADE	50-59	2266.9	2301.6	2275.3	2343.9	2507.4	2626.1	2686.4	2754.6
WHOLESALE TRADE	50-51	583.7	590.6	582.1	603.8	643.4	673.5	680.4	685.4
RETAIL TRADE	52-59	1683.2	1710.9	1693.1	1740.1	1864.0	1952.7	2006.1	2069.2
GENERAL MERCHANDISE	53	240.2	241.5	230.3	232.9	237.4	242.5	244.3	238.3
FOOD STORES	54	242.8	251.7	249.6	251.5	264.0	273.0	280.0	283.1
OTHER RETAIL TRADE	OTHER	1200.2	1217.7	1213.2	1255.7	1362.6	1437.2	1481.8	1547.9
FINANCE INS & REAL ESTATE	60-67	623.1	642.9	642.4	661.7	694.2	724.5	763.7	803.7
FINANCE	60-62	300.5	315.9	318.4	330.9	345.0	351.4	366.2	382.2
INS CARRIER, AGTS BROKER	63-64	180.1	184.9	184.7	183.2	186.0	194.9	209.1	220.9
REAL ESTATE	65	129.0	127.7	123.9	131.2	145.3	158.9	169.6	180.1
COMB HOLDING & OTHR INVST	66-67	13.5	14.5	15.4	16.3	18.0	19.2	18.9	20.6
SERVICES	70-89	2158.8	2240.5	2257.7	2332.2	2509.5	2644.8	2751.3	2899.5
HOTELS AND OTHER LODGING	70	113.1	119.6	118.5	123.1	136.1	144.2	151.6	162.7
PERSONAL SERVICES	72	99.9	101.0	102.6	103.6	109.6	114.2	116.7	125.9
BUSINESS SERVICES	73	456.9	476.1	472.5	516.6	606.5	641.6	682.4	730.9
AUTO AND MISC REPAIR	75-76	134.4	135.1	133.7	138.7	154.4	162.6	159.6	159.7
MOTION PICTURES	78	68.3	77.4	76.9	79.3	75.5	78.5	82.0	89.7
AMUSEMENT & RECREATION	79	94.1	97.4	100.1	104.0	109.8	113.6	116.7	119.2
HEALTH SERVICES	80	553.7	583.3	600.2	606.0	616.7	646.9	669.3	699.6
OTHER SERVICES	81-89	638.2	650.6	653.3	660.8	700.8	743.2	773.0	812.0

TABLE 18 (CONTINUED)

ANNUAL AVERAGE NUMBER OF WAGE AND SALARY WORKERS BY INDUSTRY
CALIFORNIA 1980-1987 (A)
(IN THOUSANDS)

INDUSTRY	SIC CODE	1980	1981	1982	1983	1984	1985	1986	1987
GOVERNMENT (E)		1763.9	1756.4	1735.2	1724.3	1747.4	1792.8	1838.8	1889.4
FEDERAL GOVERNMENT		333.8	327.6	327.4	328.0	334.4	343.1	346.3	348.2
STATE & LOCAL GOVERNMENT		1430.1	1428.8	1407.8	1396.4	1413.0	1449.7	1492.5	1541.2
COUNTY		233.8	228.9	221.2	218.4	222.3	229.8	238.0	244.8
CITY (F)		188.7	188.7	187.5	188.8	191.5	197.8	203.8	211.7
EDUCATION (G)		762.5	758.0	742.5	728.1	732.3	751.4	776.4	801.8
EDUCATION STATE		134.2	136.9	136.3	139.0	143.2	147.6	150.1	151.1
EDUCATION LOCAL		628.3	621.1	606.1	589.1	589.1	603.8	626.3	650.7
OTHER STATE & LOCAL		245.0	253.2	256.6	261.1	266.9	270.8	274.3	282.9
OTHER STATE		172.6	175.2	173.2	173.0	174.6	177.9	182.1	189.4
SPECIAL DISTRICT		72.5	78.0	83.5	88.1	92.3	92.9	92.2	93.6

SOURCE: EMPLOYMENT DATA AND RESEARCH DIVISION

(A) DOES NOT INCLUDE PROPRIETORS, THE SELF-EMPLOYED, UNPAID VOLUNTEERS OR FAMILY WORKERS, FARM WORKERS, DOMESTIC WORKERS IN HOUSEHOLDS, AND PERSONS IN LABOR MANAGEMENT TRADE DISPUTES. FURTHERMORE, ANNUAL AVERAGE MAY DIFFER FROM THE TRUE ARITHMETIC MEAN BY 0.1 THOUSAND JOBS DUE TO ROUNDING.

(B) EMPLOYMENT REPORTED BY PLACE OF WORK. DOES NOT INCLUDE FARMERS OR UNPAID FAMILY WORKERS.

(C) AG SERVICES, FORESTRY AND FISHING- DEFINITION CHANGED TO EXCLUDE VETERINARY, OTHER ANIMAL, LANDSCAPE AND HORTICULTURAL SERVICES (SIC CODE 074, 075, 078).

(D) INCLUDES EMPLOYEES OF CONSTRUCTION CONTRACTORS AND OPERATIVE BUILDERS; DOES NOT INCLUDE FORCE ACCOUNT OR GOVERNMENT CONSTRUCTION WORKERS.

(E) INCLUDES ALL CIVILIAN EMPLOYEES OF FEDERAL, STATE AND LOCAL GOVERNMENTS REGARDLESS OF THE ACTIVITY IN WHICH THE EMPLOYEE IS ENGAGED.

(F) INCLUDES ALL EMPLOYEES OF THE CITY AND COUNTY OF SAN FRANCISCO.

(G) INCLUDES ALL EMPLOYEES OF STATE AND LOCAL PUBLIC SCHOOLS.

TABLE 19

ANNUAL AVERAGE NUMBER OF WAGE AND SALARY WORKERS BY INDUSTRY
CALIFORNIA 1972-1979 (A)
(IN THOUSANDS)

INDUSTRY	SIC CODE	1972	1973	1974	1975	1976	1977	1978	1979
AGRICULTURE (B)	01-09	268.1	288.9	308.1	315.7	323.5	314.7	323.9	338.6
AGRICULTURAL PROD	01-02	208.3	222.4	236.9	243.7	248.2	241.7	245.1	253.6
AGRICULTURAL SERV (C)	07-09	59.8	66.6	71.2	72.0	75.3	72.9	78.9	85.0
NON-AGRICULTURE	10-97	7209.9	7621.9	7834.3	7847.2	8154.2	8599.7	9199.8	9664.6
MINING	10-14	29.2	30.5	32.7	33.9	34.7	35.6	37.1	39.3
METAL MINING	10	1.6	2.0	2.4	2.2	2.1	2.2	2.2	2.3
FUEL MINING	12-13	19.7	20.5	22.7	24.1	25.0	26.1	27.4	29.4
NONMETAL MINING	14	7.8	8.1	7.7	7.6	7.5	7.2	7.5	7.6
CONSTRUCTION (D)	15-17	312.4	333.4	317.8	285.9	301.3	350.4	401.9	448.7
GENERAL BLDG CONTRACTORS	15	91.5	98.7	91.3	80.0	85.2	100.6	116.4	127.1
HEAVY CONSTRUCTION	16	57.8	56.9	57.1	55.9	53.2	57.7	66.8	74.2
SPECIAL TRADE CONTRACTORS	17	163.2	177.9	169.4	150.0	162.9	192.1	218.8	247.4
MANUFACTURING	20-39	1542.7	1660.7	1701.3	1593.7	1659.8	1737.8	1884.6	2012.7
NONDURABLE GOODS	20-23,26-31	523.6	550.3	562.5	544.9	569.6	592.5	624.4	643.8
DURABLE GOODS	24-25,32-39	1019.1	1110.5	1138.9	1048.8	1090.2	1145.3	1260.2	1368.9
FOOD & KINDRED	20	167.7	170.1	175.8	172.8	175.1	178.8	182.3	186.4
CANNED, CURED, FROZ FISH	2091-2	7.5	7.6	8.7	7.6	8.9	9.5	10.1	10.1
MEAT PRODUCTS	201	19.4	19.8	21.2	21.0	20.6	20.1	20.2	20.1
DAIRY PRODUCTS	202	15.0	14.5	14.5	13.5	12.8	13.1	12.7	13.5
PRSRVD FRUITS & VEGTBLS	203	51.2	51.9	55.1	55.1	55.1	55.6	56.0	58.3
GRAIN MILL PRODUCTS	204	7.8	7.9	7.9	7.6	7.7	8.2	8.3	8.5
BAKERY PRODUCTS	205	19.2	19.3	18.4	17.9	18.3	18.5	18.8	18.8
BEVERAGES	208	18.5	19.1	19.7	20.3	20.9	21.6	23.6	23.8
OTHER FOOD	20 OTHER	29.3	30.1	30.3	29.8	30.8	32.3	32.7	33.3
TEXTILE MILL PRODUCTS	22	13.2	15.4	15.1	13.9	14.8	14.8	15.8	16.0
KNITTING MILLS	225	3.5	4.1	3.9	3.6	3.3	3.1	3.0	2.9
FLOOR COVERING MILLS	227	4.9	5.5	5.5	4.8	5.4	5.6	6.1	6.3
OTHR TEXTILE MILL PRODS	22 OTHER	4.8	5.8	5.8	5.5	6.1	6.1	6.7	6.8
APPAREL & OTHER TEXTILE	23	81.7	89.8	91.5	91.6	99.8	101.3	109.6	110.6
MEN'S AND BOYS'	232	12.0	13.0	13.7	13.6	14.4	13.8	14.1	14.5
WOMEN'S & MISSES'	233	44.1	49.6	51.2	52.7	58.2	60.4	67.4	66.7
WOMEN'S & CHILDS UNDGMTS	234	4.2	4.1	4.2	3.9	4.3	4.0	3.9	4.2
CHILDREN'S OUTWEAR	236	1.7	1.8	1.7	1.8	1.8	1.6	1.4	1.4
OTR APPAREL & TEXTILE	23 OTHER	19.7	21.3	20.7	19.5	21.1	21.5	22.8	23.8

TABLE 19 (CONTINUED)

ANNUAL AVERAGE NUMBER OF WAGE AND SALARY WORKERS BY INDUSTRY
CALIFORNIA 1972-1979 (A)
(IN THOUSANDS)

INDUSTRY	SIC CODE	1972	1973	1974	1975	1976	1977	1978	1979
PAPER & ALLIED PRODUCTS	26	36.2	36.2	36.9	34.9	36.8	37.4	37.7	39.1
MISC CONVERTED PAPER	264	12.5	12.6	13.2	12.7	13.2	13.5	13.9	14.8
PAPERBOARD CONTAINERS	265	14.9	15.3	15.1	14.2	15.5	16.1	16.5	17.4
PULP,PAPER & PAPERBOARD	26 OTHER	8.7	8.4	8.6	8.0	8.1	7.9	7.3	7.0
PRINTING & PUBLISHING	27	91.3	96.2	97.6	94.6	98.0	103.3	112.4	118.9
NEWSPAPERS	271	34.8	35.7	35.8	33.9	35.2	36.8	39.6	41.6
COMMERCIAL PRINTING	275	32.8	34.9	35.8	35.6	37.8	40.1	43.9	47.4
OTHER PRINTING & PUB	27 OTHER	23.6	25.6	26.8	25.1	25.1	26.3	28.8	29.9
CHEMICALS & ALLIED	28	52.4	55.4	57.4	55.8	58.4	61.6	63.5	65.1
INDUSTRIAL INORGANIC	281	5.1	5.2	5.6	5.8	6.2	7.1	7.1	7.1
PLASTICS MATERIAL & SYN	282	3.1	3.1	3.3	3.0	3.3	3.8	3.7	4.2
DRUGS	283	10.5	11.7	12.8	12.4	13.1	14.3	15.5	16.5
SOAP, CLEANERS, TOILET	284	11.4	12.0	12.4	11.7	12.2	13.3	13.5	13.4
PAINT & ALLIED PRODUCTS	285	7.7	7.7	7.5	7.1	7.6	7.8	7.9	8.3
AGRICULTURE CHEMICALS	287	5.5	5.8	6.1	6.3	6.3	5.4	5.1	5.2
OTHR CHEMICALS & ALLIED	28 OTHER	9.1	9.9	9.8	9.6	9.7	10.0	10.8	10.4
PETROLEUM & COAL PRODUCTS	29	25.7	25.5	25.6	25.4	25.3	25.5	27.0	27.5
PETROLEUM REFINING	291	22.5	22.6	22.7	22.7	22.3	22.6	23.8	24.2
OTHER PET ROLEUM & COAL	29 OTHER	3.1	2.9	2.9	2.8	2.9	2.9	3.2	3.3
RUBBER & MISC PLASTIC	30	48.5	53.6	53.9	47.0	51.4	59.0	63.8	68.0
TIRES AND INNER TUBES	301	7.7	7.9	8.2	6.4	4.9	6.7	5.3	4.8
RUBBER FOOT & FAB RUB	302,6	7.6	8.6	9.6	8.9	9.6	10.3	10.4	10.6
MISC PLASTICS PRODUCTS	307	32.0	35.9	35.3	30.8	36.1	41.1	47.2	51.5
OTHER RUBBER & PLASTICS	30 OTHER	1.1	1.2	0.9	0.9	0.8	1.0	0.9	1.1
LEATHER AND LEATHER PRODS	31	7.1	8.1	8.6	8.9	10.2	10.8	12.4	12.3
LUMBER & WD PROD EXC FURN	24	64.3	66.7	60.2	53.4	60.1	66.4	69.5	68.7
LOGGING CAMP & SAW MILL	241-2	25.0	25.1	24.5	22.9	25.6	26.2	26.5	27.2
MILLWORK & PLYWOOD	243	14.7	15.4	13.3	11.6	13.5	15.5	17.2	18.0
WOODEN CONTAINERS	244	5.0	5.5	5.5	4.3	4.7	4.8	4.4	4.7
OTHR LUMBER & WOOD PROD	24 OTHER	19.7	20.7	16.8	14.6	16.3	19.9	21.4	18.7
FURNITURE & FIXTURES	25	40.2	46.0	44.7	39.7	44.3	49.3	55.0	56.9
HOUSEHOLD FURNITURE	251	28.4	32.0	30.5	27.2	30.5	32.9	35.9	37.0
PARTITIONS AND FIXTURES	254	4.9	5.5	5.4	4.7	4.9	5.7	6.2	6.8
OTHER FURNITURE AND FIX	25 OTHER	7.0	8.5	8.8	7.9	8.9	10.7	12.9	13.1

TABLE 19 (CONTINUED)

ANNUAL AVERAGE NUMBER OF WAGE AND SALARY WORKERS BY INDUSTRY
CALIFORNIA 1972-1979 (A)
(IN THOUSANDS)

INDUSTRY	SIC CODE	1972	1973	1974	1975	1976	1977	1978	1979
STONE, CLAY & GLASS PROD	32	53.2	55.0	54.6	50.0	51.6	53.7	57.2	60.0
GLASS & GLASS PRODUCTS	321-3	14.2	15.0	14.7	14.5	15.5	15.9	17.5	18.0
CEMENT, HYDRAULIC	324	3.7	3.7	3.4	3.1	3.1	3.2	3.4	3.6
STRUCTURAL CLAY PRODUCTS	325	4.3	4.2	4.2	3.6	3.7	3.8	3.9	3.8
POTTERY AND RELATED	326	5.3	6.1	6.8	6.3	6.8	6.6	6.5	6.4
CONCRETE & PLASTER PRODS	327	16.1	15.6	14.8	12.8	12.7	14.1	15.8	17.3
OTHR STONE,CLAY & GLASS	32 OTHER	9.7	10.5	10.8	9.8	9.7	10.1	10.2	10.8
PRIMARY METAL INDUSTRIES	33	53.2	57.9	59.8	54.1	52.8	54.3	57.3	60.5
BLAST FURNACE & STEEL	331	20.9	23.5	23.9	22.2	20.9	20.6	20.3	21.2
IRON & STEEL FOUNDRIES	332	7.1	7.7	8.6	8.0	7.5	7.9	8.7	9.1
NONFEROUS ROLING & DRAW	335	14.8	15.1	14.8	13.1	12.7	13.6	14.7	15.5
NONFEROUS FOUNDRIES	336	7.1	8.3	8.8	7.4	8.2	8.6	9.5	10.4
OTHER PRIMARY METALS	33 OTHER	3.2	3.4	3.8	3.5	3.5	3.7	4.1	4.4
FABRICATED METAL PRODUCTS	34	122.6	132.6	134.9	124.4	129.4	135.4	147.5	158.4
CANS AND SHIPPING CONT	341	12.1	12.1	12.1	11.6	11.3	11.0	10.9	11.0
CUTLERY, HANDTOOL, HDWR	342	15.8	17.5	16.7	14.4	15.9	16.8	17.6	18.6
PLUMBING & HEATING	343	6.3	6.7	6.5	5.4	6.1	7.1	7.5	8.2
STRUCTURAL METAL PRODS	344	39.7	42.7	43.3	42.0	43.2	44.7	49.1	52.4
SCREW MACHINE PRODUCTS	345	8.7	9.7	10.6	9.2	8.8	9.3	11.3	13.6
METAL FORGING AND STAMP	346	11.0	12.1	12.5	11.4	12.1	13.0	14.6	14.6
METAL SERVICES, NEC	347	12.8	14.7	15.2	13.8	15.2	16.0	18.3	20.2
OTHER FABRICATED METAL	34 OTHER	16.3	17.0	18.0	16.7	17.0	17.4	18.2	19.9
MACHINERY EXC ELECTRICAL	35	140.3	162.8	180.4	168.4	169.8	177.6	202.8	226.8
FARM & GARDEN MACHINERY	352	2.9	3.6	3.8	3.6	4.1	4.4	5.0	5.4
CONSTRUCTION & RELATED	353	13.8	15.9	17.6	16.8	17.7	18.0	19.6	21.4
METALWORKING MACHINERY	354	14.8	17.6	18.3	16.2	16.4	16.7	18.7	20.6
SPECIAL INDUSTRY MACH	355	8.9	9.9	11.0	10.4	10.4	10.3	11.1	12.2
GENERAL INDUSTRY MACH	356	15.3	16.5	18.1	17.7	17.7	17.8	19.2	20.6
OFFICE & COMPUTING MACH	357	52.1	61.4	69.7	63.3	62.3	67.0	80.1	92.2
REFRIGERATION & SERVICE	358	5.0	5.6	5.4	4.9	5.4	6.3	7.2	7.6
OTHR MACHINERY EXC ELEC	35 OTHER	27.6	32.3	36.6	35.7	35.8	37.2	42.0	46.8
ELECTRICAL EQUIP & SUP	36	207.1	234.3	247.1	228.3	243.7	258.1	290.5	322.9
ELECTRI DISTRIBUTION EQ	361	7.6	8.8	9.7	8.9	8.5	8.6	8.7	9.2
INDUSTRIAL APPARATUS	362	9.0	9.9	10.9	10.8	11.4	12.1	13.7	14.2
HOUSEHOLD APPLIANCES	363	7.2	7.3	6.1	4.3	5.3	5.5	5.6	5.7
LIGHTING & WIRING EQUIP	364	16.2	18.5	18.0	15.5	16.2	17.7	20.5	23.5
RADIO & TV RECEIVING EQ	365	15.0	15.5	15.8	14.9	16.1	16.6	17.8	18.0
COMMUNICATION EQUIPMENT	366	95.1	100.0	102.6	103.0	105.4	108.4	119.1	129.6
ELECTRONIC COMP & ACCESS	367	52.0	68.9	78.5	65.7	74.8	82.3	97.3	114.6
MISC ELEC EQUIP & SUP	369	4.9	5.4	5.5	5.3	6.1	6.9	7.8	8.0

TABLE 19 (CONTINUED)

ANNUAL AVERAGE NUMBER OF WAGE AND SALARY WORKERS BY INDUSTRY
CALIFORNIA 1972-1979 (A)
(IN THOUSANDS)

INDUSTRY	SIC CODE	1972	1973	1974	1975	1976	1977	1978	1979
TRANSPORTATION EQUIPMENT	37	252.9	260.0	257.0	235.8	234.8	240.5	257.1	280.5
MOTOR VEHICLES & EQUIP	371	38.2	43.0	39.3	30.8	39.6	44.5	49.6	49.6
AIRCRAFT AND PARTS	372	135.4	135.6	134.9	121.3	108.5	109.4	117.5	140.4
SHIP & BOAT BLDG & REP	373	14.8	16.5	19.7	19.9	21.2	21.2	22.3	23.1
GUIDED MISS, SPACE VECH	376	52.8	51.0	51.7	52.0	50.0	48.0	49.6	54.0
OTHER TRANSPORT & EQUIP	37 OTHER	11.7	13.9	11.4	11.8	15.6	17.4	18.1	13.5
INSTRUMENTS & RELATED	38	52.2	60.6	65.7	61.9	67.5	71.6	80.4	92.2
MEASURING & CONTROLLING	382	25.1	30.5	32.7	30.2	32.5	33.5	37.4	41.9
OTHER INSTR & RELATED	38 OTHER	27.1	30.0	33.1	31.7	34.9	38.1	43.0	50.2
MISC MANUFACT INDUSTRIES	39	33.1	34.7	34.5	32.8	36.4	38.4	43.1	42.1
TOYS AND SPORTING GOODS	394	13.5	14.2	13.9	13.3	14.8	15.1	16.2	15.8
OTHR MISC MANUFACTURING	39 OTHER	19.6	20.5	20.6	19.5	21.5	23.2	27.0	26.3
TRANSPORTATION & PUB UTLTY	40-49	454.1	467.0	470.7	458.1	463.9	476.5	506.5	534.7
TRANSPORTATION	40-47	252.5	261.9	265.2	255.3	261.7	270.3	289.0	301.8
RAILROADS	40	40.2	38.8	37.9	34.4	32.9	31.8	32.0	32.4
TRUCKING AND WAREHOUSING	42	91.9	97.3	98.7	93.8	98.5	104.8	113.7	119.5
OTHER TRANSPORTATION	OTHER	120.5	125.8	128.6	127.2	130.4	133.8	143.3	149.9
COMMUNICATIONS	48	138.2	139.1	139.9	139.0	139.5	142.4	149.9	163.1
ELECTRIC GAS & SANITARY	49	63.4	65.9	65.7	63.8	62.7	63.8	67.6	69.8
WHOLESALE & RETAIL TRADE	50-59	1608.6	1703.2	1751.9	1786.3	1875.6	1982.4	2126.0	2223.8
WHOLESALE TRADE	50-51	409.6	441.3	460.6	465.9	485.3	507.5	534.3	564.1
RETAIL TRADE	52-59	1199.0	1261.9	1291.4	1320.4	1390.2	1474.9	1591.7	1659.7
GENERAL MERCHANDISE	53	206.6	212.2	214.0	208.8	215.1	224.7	235.2	239.4
FOOD STORES	54	169.1	174.2	188.3	196.7	201.5	210.8	223.7	233.7
OTHER RETAIL TRADE	OTHER	823.3	875.4	889.1	915.0	973.6	1039.3	1132.8	1186.7
FINANCE INS & REAL ESTATE	60-67	409.3	431.6	444.8	446.4	468.7	505.4	553.2	595.9
FINANCE	60-62	189.6	199.6	206.7	209.1	220.6	235.8	258.4	281.1
INS CARRIER, AGTS BROKER	63-64	132.2	137.7	140.2	139.6	145.4	155.3	166.1	174.2
REAL ESTATE	65	79.7	85.5	88.1	87.8	92.6	104.1	117.8	127.5
COMB HOLDING & OTHR INVST	66-67	7.8	8.8	9.8	10.0	10.1	10.2	10.9	13.2

TABLE 19 (CONTINUED)

ANNUAL AVERAGE NUMBER OF WAGE AND SALARY WORKERS BY INDUSTRY
CALIFORNIA 1972-1979 (A)
(IN THOUSANDS)

INDUSTRY	SIC CODE	1972	1973	1974	1975	1976	1977	1978	1979
GOVERNMENT (E)		1492.7	1524.8	1586.0	1670.6	1695.6	1740.7	1753.1	1735.0
FEDERAL GOVERNMENT		316.2	311.5	320.4	323.2	316.1	314.7	318.6	322.8
STATE & LOCAL GOVERNMENT		1176.5	1213.3	1265.6	1347.4	1379.5	1426.0	1434.5	1412.2
COUNTY		197.5	203.9	211.6	228.3	227.1	228.6	232.5	226.8
CITY (F)		172.9	175.8	178.3	195.1	194.6	198.9	200.2	188.8
EDUCATION (G)		622.2	643.0	677.2	713.7	741.2	771.0	764.9	759.0
EDUCATION STATE		105.3	109.8	113.9	119.8	122.5	125.5	128.1	130.4
EDUCATION LOCAL		517.0	533.2	563.3	593.9	618.7	645.5	636.9	628.6
OTHER STATE & LOCAL		183.8	190.6	198.5	210.4	216.7	227.4	236.8	237.6
OTHER STATE		133.5	137.6	143.5	149.0	153.3	160.3	168.0	169.6
SPECIAL DISTRICT		50.4	53.0	55.0	61.4	63.4	67.1	68.8	68.0

SOURCE: EMPLOYMENT DATA AND RESEARCH

(A) DOES NOT INCLUDE PROPRIETORS, THE SELF-EMPLOYED, UNPAID VOLUNTEERS OR FAMILY WORKERS, FARM WORKERS, DOMESTIC WORKERS IN HOUSEHOLDS, AND PERSONS IN LABOR MANAGEMENT TRADE DISPUTES. FURTHERMORE, ANNUAL AVERAGE MAY DIFFER FROM THE TRUE ARITHMETIC MEAN BY 0.1 THOUSAND JOBS DUE TO COMPUTER ROUNDING.

(B) EMPLOYMENT REPORTED BY PLACE OF WORK. DOES NOT INCLUDE FARMERS OR UNPAID FAMILY WORKERS.

(C) AG SERVICES, FORESTRY AND FISHING- DEFINITION CHANGED TO EXCLUDE VETERINARY, OTHER ANIMAL, LANDSCAPE AND HORTICULTURAL SERVICES (SIC 074, 075, 078).

(D) INCLUDES EMPLOYEES OF CONSTRUCTION CONTRACTORS AND OPERATIVE BUILDERS; DOES NOT INCLUDE FORCE ACCOUNT OR GOVERNMENT CONSTRUCTION WORKERS.

(E) INCLUDES ALL CIVILIAN EMPLOYEES OF FEDERAL, STATE AND LOCAL GOVERNMENTS REGARDLESS OF THE ACTIVITY IN WHICH THE EMPLOYEE IS ENGAGED.

(F) INCLUDES ALL EMPLOYEES OF THE CITY AND COUNTY OF SAN FRANCISCO.

(G) INCLUDES ALL EMPLOYEES OF STATE AND LOCAL PUBLIC SCHOOLS.

TABLE 20

EMPLOYMENT STATUS OF THE CIVILIAN NONINSTITUTIONAL POPULATION BY SEX, AGE, RACE, HISPANIC ORIGIN, AND MARITAL STATUS
CALIFORNIA 1987 ANNUAL AVERAGES
(NUMBERS IN THOUSANDS)

POPULATION GROUP	CIVILIAN NONINSTI-TUTIONAL POPULATION	CIVILIAN LABOR FORCE		EMPLOYMENT		UNEMPLOYMENT		
		NUMBER	PERCENT OF POPULATION	NUMBER	PERCENT OF POPULATION	NUMBER	RATE	ERROR RANGE OF RATE (A)
TOTAL	20,539	13,747	66.9	12,955	63.1	792	5.8	5.5 - 6.1
MEN	9,963	7,757	77.9	7,308	73.4	448	5.8	5.4 - 6.2
WOMEN	10,576	5,990	56.6	5,647	53.4	343	5.7	5.3 - 6.1
BOTH SEXES, 16-19 YEARS	1,607	830	51.7	690	42.9	140	16.9	15.2 - 18.6
WHITE	17,410	11,658	67.0	11,027	63.3	631	5.4	5.1 - 5.7
MEN	8,491	6,662	78.5	6,308	74.3	354	5.3	4.9 - 5.7
WOMEN	8,918	4,996	56.0	4,719	52.9	277	5.5	5.1 - 5.9
BOTH SEXES, 16-19 YEARS	1,302	711	54.6	595	45.7	116	16.3	14.5 - 18.1
BLACK	1,359	892	65.6	796	58.6	96	10.8	9.1 - 12.5
MEN	654	476	72.7	420	64.2	56	11.8	9.4 - 14.2
WOMEN	704	416	59.1	376	53.4	40	9.7	7.6 - 11.8
BOTH SEXES, 16-19 YEARS	133	56	42.4	NA	NA	NA	NA	NA
HISPANIC ORIGIN	4,124	2,857	69.3	2,631	63.8	226	7.9	7.1 - 8.7
MEN	2,130	1,793	84.2	1,659	77.9	134	7.5	6.5 - 8.5
WOMEN	1,994	1,064	53.4	972	48.8	93	8.7	7.3 - 10.1
BOTH SEXES, 16-19 YEARS	420	205	48.8	164	39.1	41	19.8	15.5 - 24.1
SINGLE (NEVER MARRIED)	5,535	4,062	73.4	3,692	66.7	370	9.1	8.4 - 9.8
MARRIED, SPOUSE PRESENT	11,293	7,573	67.1	7,280	64.5	294	3.9	3.6 - 4.2
OTHER MARITAL STATUS (B)	3,711	2,111	56.9	1,984	53.5	128	6.0	5.3 - 6.7

SOURCE: BUREAU OF LABOR STATISTICS, UNPUBLISHED DATA FROM THE CURRENT PAPULATION SURVEY, 1987.

(A) ERROR RANGES ARE CALCULATED AT THE 90% CONFIDENCE INTERVAL, WHICH MEANS THAT IF REPEATED SAMPLES WERE DRAWN FROM THE SAME POULATION AND AN ERROR RANGE CONSTRUCTED AROUND EACH SAMPLE ESTIMATE, IN 9 OUT OF 19 CASES THE TRUE VALUE BASED ON A COMPLETE CENSUS OF THE POPULATION WOULD BE CONTAINED WITHIN THESE ERROR RANGES.

(B) OTHER MARITAL STATUS INCLUDES DIVORCED, WIDOWED, SEPARATED, AND MARRIED WITH SPOUSE ABSENT.

TABLE 21

EMPLOYMENT STATUS OF THE CIVILIAN NONINSTITUTIONAL POPULATION BY SEX, AGE, AND MARITAL STATUS
CALIFORNIA 1987 ANNUAL AVERAGES
(NUMBERS IN THOUSANDS)

POPULATION GROUP	CIVILIAN NONINSTI-TUTIONAL POPULATION	CIVILIAN LABOR FORCE		EMPLOYMENT		UNEMPLOYMENT		
		NUMBER	PERCENT OF POPULATION	NUMBER	PERCENT OF POPULATION	NUMBER	RATE	ERROR RANGE OF RATE (A)
BOTH SEXES								
14–15 YEARS	714	89	12.5	73	10.2	17	18.7	13.8 – 23.6
16–19 YEARS	1,607	830	51.7	690	42.9	140	16.9	15.2 – 18.6
20–24 YEARS	2,231	1,758	78.8	1,607	72.0	151	8.6	7.7 – 9.5
25–34 YEARS	5,219	4,284	82.1	4,034	77.3	250	5.8	5.3 – 6.3
35–44 YEARS	3,981	3,321	83.4	3,193	80.2	128	3.8	3.3 – 4.3
45–54 YEARS	2,579	2,035	78.9	1,956	75.8	79	3.9	3.4 – 4.4
55–64 YEARS	2,175	1,186	54.5	1,150	52.9	36	3.0	2.3 – 3.7
65 YEARS AND OVER	2,747	334	12.1	325	11.8	9	2.6	1.2 – 4.0
MEN								
16–19 YEARS	810	438	54.1	356	44.0	82	18.7	16.3 – 21.1
20–24 YEARS	1,055	921	87.4	844	80.0	77	8.4	7.2 – 9.6
25–34 YEARS	2,623	2,466	94.0	2,319	88.4	146	5.9	5.2 – 6.6
35–44 YEARS	1,965	1,850	94.2	1,783	90.7	67	3.6	2.9 – 4.3
45–54 YEARS	1,297	1,172	90.3	1,123	86.6	48	4.1	3.4 – 4.8
55–64 YEARS	1,032	696	67.4	674	65.3	22	3.1	2.1 – 4.1
65 YEARS AND OVER	1,181	214	18.1	209	17.7	5	2.3	.1 – 4.5
SINGLE (NEVER MARRIED)	3,055	2,349	76.9	2,120	69.4	229	9.8	9.0 – 10.6
MARRIED, SPOUSE PRESENT	5,681	4,522	79.6	4,357	76.7	165	3.6	3.2 – 4.0
OTHER MARITAL STATUS (B)	1,227	886	72.2	831	67.7	54	6.1	4.9 – 7.3
WOMEN								
16–19 YEARS	797	392	49.2	334	41.9	58	14.8	12.4 – 17.2
20–24 YEARS	1,176	837	71.1	763	64.9	73	8.8	7.5 – 10.1
25–34 YEARS	2,596	1,818	70.0	1,714	66.0	104	5.7	4.9 – 6.5
35–44 YEARS	2,016	1,471	72.9	1,410	69.9	60	4.1	3.4 – 4.8
45–54 YEARS	1,282	863	67.3	833	65.0	30	3.5	2.6 – 4.4
55–64 YEARS	1,142	490	42.9	476	41.7	14	2.8	1.8 – 3.8
65 YEARS AND OVER	1,567	120	7.7	116	7.4	4	3.2	1.7 – 4.7
SINGLE (NEVER MARRIED)	2,480	1,713	69.1	1,572	63.4	141	8.2	7.3 – 9.1
MARRIED, SPOUSE PRESENT	5,613	3,051	54.4	2,923	52.1	129	4.2	3.7 – 4.7
OTHER MARITAL STATUS (B)	2,484	1,226	49.3	1,152	46.4	74	6.0	5.0 – 7.0

SOURCE: BUREAU OF LABOR STATISTICS, UNPUBLISHED DATA FROM THE CURRENT POPULATION SURVEY, 1987

(A) SEE PAGE 78
(B) SEE PAGE 78

TABLE 22

EMPLOYMENT STATUS OF THE CIVILIAN NONINSTITUTIONAL POPULATION BY RACE, HISPANIC ORIGIN, AGE, AND MARITAL STATUS
CALIFORNIA 1987 ANNUAL AVERAGES
(NUMBERS IN THOUSANDS)

POPULATION GROUP	CIVILIAN NONINSTI-TUTIONAL POPULATION	CIVILIAN LABOR FORCE		EMPLOYMENT		UNEMPLOYMENT		
		NUMBER	PERCENT OF POPULATION	NUMBER	PERCENT OF POPULATION	NUMBER	RATE	ERROR RANGE OF RATE (A)
WHITE								
16–19 YEARS	1,302	711	54.6	595	45.7	116	16.3	14.5 – 18.1
20–24 YEARS	1,859	1,487	80.0	1,372	73.8	114	7.7	6.8 – 8.6
25–34 YEARS	4,381	3,618	82.6	3,423	78.1	195	5.4	4.9 – 5.9
35–44 YEARS	3,386	2,834	83.7	2,728	80.6	106	3.7	3.2 – 4.2
45–54 YEARS	2,135	1,689	79.1	1,623	76.0	67	3.9	3.2 – 4.6
55–64 YEARS	1,874	1,021	54.5	995	53.1	27	2.6	1.9 – 3.3
65 YEARS AND OVER	2,473	297	12.0	290	11.7	8	2.5	1.2 – 3.8
SINGLE (NEVER MARRIED)	4,514	3,397	75.3	3,114	69.0	283	8.3	7.6 – 9.0
MARRIED, SPOUSE PRESENT	9,754	6,468	66.3	6,225	63.8	243	3.8	3.4 – 4.2
OTHER MARITAL STATUS (B)	3,142	1,793	57.0	1,688	53.7	105	5.9	5.1 – 6.7
BLACK								
16–19 YEARS	133	56	42.4	NA	NA	NA	NA	NA
20–24 YEARS	187	136	72.7	110	58.8	26	19.1	13.7 – 24.5
25–34 YEARS	374	305	81.6	269	71.9	36	11.8	8.8 – 14.8
35–44 YEARS	223	185	83.2	173	77.6	13	6.8	4.0 – 9.6
45–54 YEARS	180	136	75.5	131	72.8	5	3.4	1.6 – 5.2
55–64 YEARS	136	63	46.2	NA	NA	NA	NA	NA
65 YEARS AND OVER	127	11	8.5	NA	NA	NA	NA	NA
SINGLE (NEVER MARRIED)	506	330	65.1	273	54.0	56	17.1	13.9 – 20.3
MARRIED, SPOUSE PRESENT	514	379	73.7	355	69.1	24	6.4	4.4 – 8.4
OTHER MARITAL STATUS (B)	339	183	54.1	168	49.6	15	8.4	5.3 – 11.5
HISPANIC ORIGIN								
16–19 YEARS	420	205	48.8	164	39.1	41	19.8	15.5 – 24.1
20–24 YEARS	635	496	78.1	448	70.6	48	9.6	7.6 – 11.6
25–34 YEARS	1,287	1,014	78.8	945	73.4	69	6.8	5.5 – 8.1
35–44 YEARS	803	631	78.6	594	74.0	37	5.9	4.2 – 7.6
45–54 YEARS	457	341	74.6	317	69.4	24	7.0	4.9 – 9.1
55–64 YEARS	297	152	51.1	145	48.8	6	4.2	1.4 – 7.0
65 YEARS AND OVER	225	19	8.2	NA	NA	NA	NA	NA
SINGLE (NEVER MARRIED)	1,290	929	72.0	827	64.1	102	11.0	9.4 – 12.6
MARRIED, SPOUSE PRESENT	2,261	1,570	69.4	1,470	65.0	100	6.4	5.4 – 7.4
OTHER MARITAL STATUS (B)	572	358	62.5	333	58.2	25	6.9	4.6 – 9.2

SOURCE: BUREAU OF LABOR STATISTICS, UNPUBLISHED DATA FROM THE CURRENT POPULATION SURVEY, 1987.

(A) SEE PAGE 78
(B) SEE PAGE 78

TABLE 23

TOTAL POPULATION BY AGE AND SEX
CALIFORNIA 1980

AGE	TOTAL	MALE	FEMALE
TOTAL	23,667,902	11,666,104	12,001,798
0–13	4,770,374	2,439,936	2,330,438
14	372,023	191,886	180,137
15	398,622	203,740	194,882
16	416,824	213,806	203,018
17	425,737	218,937	206,800
18	430,517	220,728	209,789
19	454,679	234,233	220,446
20	471,223	246,139	225,084
21	462,711	239,587	223,124
22–24	1,421,206	725,189	696,017
25–29	2,228,950	1,131,963	1,096,987
30–34	2,038,402	1,022,480	1,015,922
35–44	2,817,615	1,407,383	1,410,232
45–54	2,352,028	1,147,407	1,204,621
55–59	1,210,053	578,265	631,788
60–61	423,593	200,369	223,224
62–64	572,339	268,991	303,348
65 & Over	2,401,006	975,065	1,425,941

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 24

TOTAL POPULATION BY RACE
CALIFORNIA 1980

RACE	POPULATION
TOTAL	23,667,902
WHITE	18,221,353
BLACK	1,818,660
AMERICAN INDIAN, ESKIMO, AND ALEUT	231,702
AMERICAN INDIAN	227,757
ESKIMO	2,194
ALEUT	1,751
ASIAN AND PACIFIC ISLANDER	1,312,973
JAPANESE	268,814
CHINESE	325,882
FILIPINO	358,378
KOREAN	102,582
ASIAN INDIAN	59,774
VIETNAMESE	85,238
HAWAIIAN	24,245
GUAMANIAN	17,009
SAMOAN	18,087
OTHER ASIAN OR PACIFIC ISLANDER	52,964
TOTAL, ALL OTHER (A)	2,083,214

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

(A) THIS FIGURE INCLUDES ALL PERSONS WHO DID NOT LIST THEMSELVES IN ANY OF THE RACES ABOVE.

TABLE 25

TOTAL POPULATION BY RACE, SEX AND AGE (A)
CALIFORNIA 1980

AGE	TOTAL	WHITE	BLACK	AMERICAN INDIAN, ALASKA NAT.	ASIAN AND PACIFIC ISLANDER	OTHER
TOTAL	23,667,902	18,221,353	1,818,660	231,702	1,312,973	2,083,214
0 - 4	1,698,177	1,164,221	155,856	18,956	98,754	260,390
5 - 14	3,444,220	2,446,093	326,377	41,835	207,180	422,735
15 - 59	15,128,567	11,614,054	1,166,326	153,819	884,947	1,309,421
60 - 64	995,932	864,091	55,709	6,342	39,099	30,691
65 & OVER	2,401,006	2,132,894	114,392	10,750	82,993	59,977
MALE	11,666,104	8,947,589	889,931	113,543	643,306	1,071,735
0 - 4	866,763	595,985	78,544	9,601	49,932	132,701
5 - 14	1,765,059	1,253,936	166,093	21,376	108,246	215,408
15 - 59	7,589,857	5,833,675	573,328	75,008	424,343	683,503
60 - 64	469,360	408,417	25,563	3,005	18,172	14,203
65 & OVER	975,065	855,576	46,403	4,553	42,613	25,920
FEMALE	12,001,798	9,273,764	928,729	118,159	669,667	1,011,479
0 - 4	831,414	568,236	77,312	9,355	48,822	127,689
5 - 14	1,679,161	1,192,157	160,284	20,459	98,934	207,327
15 - 59	7,538,710	5,780,379	592,998	78,811	460,604	625,918
60 - 64	526,572	455,674	30,146	3,337	20,927	16,488
65 & OVER	1,425,941	1,277,318	67,989	6,197	40,380	34,057

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

(A) DATA IN THIS TABLE ARE BASED ON SAMPLE INFORMATION AND MAY DIFFER FROM COMPLETE COUNT DATA ELSEWHERE.

TABLE 26

TOTAL POPULATION BY
ETHNIC ORIGIN, SEX, AND AGE (A)
CALIFORNIA 1980

AGE	TOTAL	HISPANIC ORIGIN	OTHER (THAN HISPANIC) ORIGIN
TOTAL	23,667,902	4,541,300	19,126,602
0 - 4	1,698,177	543,117	1,155,060
5 - 14	3,444,220	933,227	2,510,993
15 - 59	15,128,567	2,809,784	12,318,783
60 - 64	995,932	85,385	910,547
65 & OVER	2,401,006	169,787	2,231,219
MALE	11,666,104	2,297,687	9,368,417
0 - 4	866,763	276,181	590,582
5 - 14	1,765,059	476,961	1,288,098
15 - 59	7,589,857	1,432,698	6,157,159
60 - 64	469,360	39,816	429,544
65 & OVER	975,065	72,031	903,034
FEMALE	12,001,798	2,243,613	9,758,185
0 - 4	831,414	266,936	564,478
5 - 14	1,679,161	456,266	1,222,895
15 - 59	7,538,710	1,377,086	6,161,624
60 - 64	526,572	45,569	481,003
65 & OVER	1,425,941	97,756	1,328,185

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

(A) DATA IN THIS TABLE ARE BASED ON SAMPLE INFORMATION AND MAY DIFFER FROM COMPLETE COUNT DATA ELSEWHERE.

TABLE 27

TOTAL POPULATION BY ETHNIC ORIGIN AND RACE
CALIFORNIA 1980

CHARACTERISTICS	POPULATION
TOTAL POPULATION	23,667,902
PERSONS OF HISPANIC ORIGIN	4,541,300
BY RACE	
WHITE	2,370,578
BLACK	34,574
AMERICAN INDIAN, ESKIMO, & ALEUT, AND ASIAN & PACIFIC ISLANDER	112,818
OTHER	2,023,330
BY PLACE OF ORIGIN	
MEXICAN	3,613,167
PUERTO RICAN	93,005
CUBAN	63,797
OTHER HISPANIC	771,331
PERSONS OF OTHER (THAN HISPANIC) ORIGIN	19,126,602
BY RACE	
WHITE	15,850,775
BLACK	1,784,086
AMERICAN INDIAN, ESKIMO, & ALEUT, AND ASIAN & PACIFIC ISLANDER	1,431,857
OTHER	59,884

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 28

TOTAL POPULATION BY SEX AND DETAILED RACE/ETHNIC GROUP
CALIFORNIA 1980

POPULATION GROUP	NUMBER			VERTICAL PERCENT			HORIZONTAL PERCENT		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
POPULATION BY RACE/ETHNICITY									
TOTAL	23,667,902	11,666,104	12,001,798	100.0	100.0	100.0	100.0	49.3	50.7
WHITE, NOT HISPANIC	15,850,775	7,764,489	8,086,286	67.0	66.6	67.4	100.0	49.0	51.0
BLACK, NOT HISPANIC	1,784,086	872,544	911,542	7.5	7.5	7.6	100.0	48.9	51.1
NATIVE AMERICAN, NOT HISPANIC	189,700	92,645	97,055	0.8	0.8	0.8	100.0	48.8	51.2
ASIAN & PAC. ISLANDER, NOT HISP.	1,242,157	608,206	633,951	5.2	5.2	5.3	100.0	49.0	51.0
REMAINING RACES, NOT HISPANIC	59,884	30,533	29,351	0.3	0.3	0.2	100.0	51.0	49.0
HISPANIC, ALL RACES	4,541,300	2,297,687	2,243,613	19.2	19.7	18.7	100.0	50.6	49.4
POP. BY RACE, INCLUDING HISPANIC									
TOTAL	23,667,902	11,666,104	12,001,798	100.0	100.0	100.0	100.0	49.3	50.7
WHITE	18,221,353	8,947,589	9,273,764	77.0	76.7	77.3	100.0	49.1	50.9
BLACK	1,818,660	889,931	928,729	7.7	7.6	7.7	100.0	48.9	51.1
NATIVE AMERICAN	231,702	113,543	118,159	1.0	1.0	1.0	100.0	49.0	51.0
AMERICAN INDIAN	227,757	111,522	116,235	1.0	1.0	1.0	100.0	49.0	51.0
ESKIMO	2,194	1,141	1,053	–	–	–	100.0	52.0	48.0
ALEUT	1,751	880	871	–	–	–	100.0	50.3	49.7
ASIAN & PACIFIC ISLANDER	1,312,973	643,306	669,667	5.5	5.5	5.6	100.0	49.0	51.0
JAPANESE	268,814	125,494	143,320	1.1	1.1	1.2	100.0	46.7	53.3
CHINESE	325,882	163,060	162,822	1.4	1.4	1.4	100.0	50.0	50.0
FILIPINO	358,378	176,018	182,360	1.5	1.5	1.5	100.0	49.1	50.9
KOREAN	102,582	47,074	55,508	0.4	0.4	0.5	100.0	45.9	54.1
ASIAN INDIAN	59,774	30,666	29,108	0.3	0.3	0.2	100.0	51.3	48.7
VIETNAMESE	85,238	44,155	41,083	0.4	0.4	0.3	100.0	51.8	48.2
HAWAIIAN	24,245	12,225	12,020	0.1	0.1	0.1	100.0	50.4	49.6
GUAMANIAN	17,009	8,650	8,359	–	–	–	100.0	50.9	49.1
SAMOAN	18,087	9,097	8,990	–	–	–	100.0	50.3	49.7
OTHER ASIAN & PACIFIC ISLANDER	52,964	26,867	26,097	0.2	0.2	0.2	100.0	50.7	49.3
REMAINING RACES	2,083,214	1,071,735	1,011,479	8.8	9.2	8.4	100.0	51.4	48.6
HISPANIC BY ORIGIN									
TOTAL	4,541,300	2,297,687	2,243,613	19.2	19.7	18.7	100.0	50.6	49.4
MEXICAN	3,613,167	1,847,885	1,765,282	15.3	15.8	14.7	100.0	51.1	48.9
PUERTO RICAN	93,005	47,556	45,449	0.4	0.4	0.4	100.0	51.1	48.9
CUBAN	63,797	31,015	32,782	0.3	0.3	0.3	100.0	48.6	51.4
OTHER HISPANIC	771,331	371,231	400,100	3.3	3.2	3.3	100.0	48.1	51.9
HISPANIC BY RACE									
TOTAL	4,541,300	2,297,687	2,243,613	19.2	19.7	18.7	100.0	50.6	49.4
WHITE	2,370,578	1,183,100	1,187,478	10.0	10.1	9.9	100.0	49.9	50.1
BLACK	34,574	17,387	17,187	0.1	0.1	0.1	100.0	50.3	49.7
NATIVE AMERICAN	42,002	20,898	21,104	0.2	0.2	0.2	100.0	49.8	50.2
ASIAN & PACIFIC ISLANDER	70,816	35,100	35,716	0.3	0.3	0.3	100.0	49.6	50.4
REMAINING RACES	2,023,330	1,041,202	982,128	8.5	8.9	8.2	100.0	51.5	48.5

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 29

TOTAL LABOR FORCE STATUS BY RACE/ETHNICITY, SEX, AND AGE
CALIFORNIA 1980

LABOR FORCE STATUS	TOTAL	WHITE NOT HISPANIC	BLACK NOT HISPANIC	NATIVE AMERICAN NOT HISP	ASIAN/PI NOT HISPANIC	REMAINING RACES NOT HISPANIC	HISPANIC ALL RACES
TOTAL LABOR FORCE	11,649,488	8,129,481	787,996	88,150	633,836	25,100	1,984,925
LABOR FORCE PARTICIPATION RATE	65.1	64.6	63.1	64.1	67.9	64.5	67.4
CIVILIAN LABOR FORCE	11,386,075	7,940,712	750,748	85,351	621,450	24,615	1,963,199
CIV. LABOR FORCE PARTICIPATION RATE	63.6	63.1	60.1	62.0	66.5	63.3	66.7
EMPLOYED	10,640,405	7,506,306	667,639	75,324	593,137	22,858	1,775,141
AT WORK FULL TIME	8,119,255	5,662,438	520,334	57,239	466,715	17,527	1,395,002
PERCENT OF EMPLOYED	76.3	75.4	77.9	76.0	78.7	76.7	78.6
AT WORK PART TIME	2,205,161	1,641,853	119,207	15,283	110,543	4,543	313,732
UNEMPLOYED	745,670	434,406	83,109	10,027	28,313	1,757	188,058
UNEMPLOYMENT RATE	6.5	5.5	11.1	11.7	4.6	7.1	9.6
16-19 YEARS OLD	14.4	13.0	26.2	22.4	9.9	13.5	16.2
20-24 YEARS OLD	9.6	8.3	18.0	15.6	6.2	7.3	11.2
25 YEARS AND OVER	5.2	4.3	8.3	9.7	4.0	6.4	8.2
NOT IN LABOR FORCE	6,477,395	4,634,577	488,310	51,548	303,417	14,284	985,259
INMATE OF INSTITUTION	238,038	176,614	28,170	2,085	3,336	475	27,358
OTHER	6,239,357	4,457,963	460,140	49,463	300,081	13,809	957,901
MALE LABOR FORCE	6,762,588	4,726,907	421,032	50,415	341,596	14,801	1,207,837
LABOR FORCE PARTICIPATION RATE	77.7	77.4	71.1	77.0	76.2	74.4	81.9
CIVILIAN LABOR FORCE	6,517,698	4,551,729	386,803	47,792	329,675	14,334	1,187,365
CIV. LABOR FORCE PARTICIPATION RATE	74.8	74.5	65.3	73.0	73.5	72.0	80.6
EMPLOYED	6,088,529	4,299,499	339,452	41,789	315,584	13,342	1,078,863
AT WORK FULL TIME	5,070,825	3,571,798	280,239	34,332	264,878	11,003	908,575
PERCENT OF EMPLOYED	83.3	83.1	82.6	82.2	83.9	82.5	84.2
AT WORK PART TIME	858,848	625,113	46,380	6,095	43,928	1,961	135,371
UNEMPLOYED	429,169	252,230	47,351	6,003	14,091	992	108,502
UNEMPLOYMENT RATE	6.6	5.5	12.2	12.6	4.3	6.9	9.1
16-19 YEARS OLD	15.6	14.2	28.3	23.4	10.2	15.2	16.8
20-24 YEARS OLD	10.8	9.6	20.3	17.8	6.8	7.4	11.6
25 YEARS AND OVER	5.0	4.2	9.3	10.3	3.5	5.9	7.5
MALES NOT IN LABOR FORCE	2,067,954	1,455,525	193,564	16,737	108,754	5,458	287,916
INMATE OF INSTITUTION	121,986	74,019	22,124	1,687	1,948	354	21,854
OTHER	1,945,968	1,381,506	171,440	15,050	106,806	5,104	266,062

TABLE 29 (CONTINUED)

LABOR FORCE STATUS BY RACE/ETHNICITY, SEX, AND AGE
CALIFORNIA 1980

LABOR FORCE STATUS	TOTAL	WHITE NOT HISPANIC	BLACK NOT HISPANIC	NATIVE AMERICAN NOT HISP	ASIAN/PI NOT HISPANIC	REMAINING RACES NOT HISPANIC	HISPANIC ALL RACES
FEMALE LABOR FORCE	4,886,900	3,402,574	366,964	37,735	292,240	10,299	777,088
LABOR FORCE PARTICIPATION RATE	53.2	52.5	56.0	52.3	60.2	54.2	52.9
CIVILIAN LABOR FORCE	4,868,377	3,388,983	363,945	37,559	291,775	10,281	775,834
CIV. LABOR FORCE PARTICIPATION RATE	53.0	52.3	55.5	52.1	60.1	54.1	52.8
EMPLOYED	4,551,876	3,206,807	328,187	33,535	277,553	9,516	696,278
AT WORK FULL TIME	3,048,430	2,090,640	240,095	22,907	201,837	6,524	486,427
PERCENT OF EMPLOYED	67.0	65.2	73.2	68.3	72.7	68.6	69.9
AT WORK PART TIME	1,346,313	1,016,740	72,827	9,188	66,615	2,582	178,361
UNEMPLOYED	316,501	182,176	35,758	4,024	14,222	765	79,556
UNEMPLOYMENT RATE	6.5	5.4	9.8	10.7	4.9	7.4	10.3
16-19 YEARS OLD	13.2	11.7	24.1	21.3	9.6	11.4	15.4
20-24 YEARS OLD	8.2	6.8	15.7	13.0	5.5	7.2	10.6
25 YEARS AND OVER	5.4	4.4	7.2	9.0	4.4	7.0	9.4
FEMALES NOT IN LABOR FORCE	4,409,441	3,179,052	294,746	34,811	194,663	8,826	697,343
INMATE OF INSTITUTION	116,052	102,595	6,046	398	1,388	121	5,504
OTHER	4,293,389	3,076,457	288,700	34,413	193,275	8,705	691,839

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 30

LABOR FORCE STATUS BY RACE/ETHNICITY, WEEKS WORKED, AND SEX
CALIFORNIA 1980

LABOR FORCE STATUS	TOTAL	WHITE NOT HISPANIC	BLACK NOT HISPANIC	NATIVE AMERICAN NOT HISP	ASIAN/PI NOT HISPANIC	REMAINING RACES NOT HISPANIC	HISPANIC ALL RACES
WORKED IN 1979:							
MALES	7,031,246	4,964,031	430,800	53,338	353,657	15,628	1,213,792
PERCENT OF MALES, BY WEEKS WORKED	100.0	100.0	100.0	100.0	100.0	100.0	100.0
WORKED 50-52 WEEKS	63.3	65.9	57.6	55.5	61.6	56.4	55.3
WORKED 40-49 WEEKS	15.2	14.0	15.7	15.2	16.8	17.0	19.1
WORKED 27-39 WEEKS	7.2	6.7	7.7	9.1	6.5	7.8	9.2
WORKED 14-26 WEEKS	7.8	7.3	9.3	10.8	7.7	9.9	9.1
WORKED 13 WEEKS OR LESS	6.6	6.1	9.7	9.4	7.4	8.8	7.3
FEMALES	5,330,366	3,760,145	381,835	42,591	308,302	11,255	826,238
PERCENT OF FEMALES, BY WEEKS WORKED	100.0	100.0	100.0	100.0	100.0	100.0	100.0
WORKED 50-52 WEEKS	49.4	50.8	50.3	43.8	50.7	47.5	42.7
WORKED 40-49 WEEKS	16.9	16.5	17.6	15.1	19.4	18.0	17.4
WORKED 27-29 WEEKS	10.3	10.1	9.8	11.5	9.1	11.1	11.6
WORKED 14-26 WEEKS	11.9	11.6	10.8	13.7	10.6	11.3	14.2
WORKED 13 WEEKS OR LESS	11.5	11.0	11.6	15.9	10.2	12.0	14.0
UNEMPLOYED IN 1979:							
MALES	1,430,216	892,418	123,985	15,893	71,537	3,969	322,414
PERCENT OF MALES, BY WEEKS UNEMPLOYED	100.0	100.0	100.0	100.0	100.0	100.0	100.0
UNEMPLOYED 1-4 WEEKS	30.3	30.9	23.0	22.6	36.6	28.4	30.6
UNEMPLOYED 5-14 WEEKS	33.9	34.4	31.1	32.1	32.6	33.1	34.0
UNEMPLOYED 15 WEEKS OR MORE	35.8	34.7	45.9	45.3	30.7	38.5	35.4
FEMALES	1,175,966	747,003	107,079	12,383	70,822	3,133	235,546
PERCENT OF FEMALES, BY WEEKS UNEMPLOYED	100.0	100.0	100.0	100.0	100.0	100.0	100.0
UNEMPLOYED 1-4 WEEKS	36.9	39.8	27.4	29.5	39.1	37.1	31.9
UNEMPLOYED 5-14 WEEKS	31.4	31.6	32.5	32.6	30.5	29.7	30.5
UNEMPLOYED 15 WEEKS OR MORE	31.7	28.6	40.1	37.9	30.4	33.2	37.6

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 31

TOTAL CIVILIAN LABOR FORCE
16 YEARS AND OVER BY RACE/ETHNICITY AND OCCUPATION
CALIFORNIA 1980

OCCUPATION	TOTAL NUMBER	PERCENT OF TOTAL CIVILIAN LABOR FORCE						
		WHITE NOT HISPANIC	BLACK NOT HISPANIC	HISPANIC ALL RACES	ASIAN AND PAC ISL. NOT HISPANIC	NATIVE AMERICAN NOT HISPANIC	OTHER RACES NOT HISPANIC	TOTAL MINORITY
TOTAL, ALL OCCUPATIONS INCLUDING UNEMPLOYED	11386075	69.74	6.59	17.24	5.45	.74	.21	30.25
MANAGERIAL AND PROFESSIONAL SPECIALTY	2744919	81.88	4.58	7.03	5.77	.54	.17	18.11
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL	1309895	82.34	4.21	7.58	5.13	.55	.16	17.65
EXECUTIVE, ADMINISTRATIVE	964999	83.75	3.73	7.36	4.43	.54	.16	16.24
MANAGEMENT RELATED	344896	78.40	5.54	8.18	7.10	.58	.17	21.59
PROFESSIONAL SPECIALTY	1435024	81.47	4.92	6.52	6.35	.52	.18	18.52
ENGINEERS, ARCHITECTS, SURVEYORS	236863	81.60	2.30	5.10	10.39	.39	.20	18.39
MATHEMATICAL AND COMPUTER SCIENTISTS	80940	81.91	3.32	4.85	9.07	.48	.33	18.08
HEALTH DIAGNOSING	82511	83.95	2.99	3.59	9.13	.19	.13	16.04
HEALTH ASSESSMENT AND TREATING	177007	76.55	6.72	5.81	10.07	.60	.23	23.44
TEACHERS, POSTSECONDARY	71378	85.00	3.54	5.83	4.98	.42	.21	14.99
TEACHERS, EXCEPT POSTSECONDARY	350881	81.54	6.19	7.75	3.75	.60	.13	18.45
COUNSELORS, EDUCATIONAL AND VOCATIONAL	21769	70.31	12.36	12.08	4.00	1.14	.08	29.68
LIBRARIANS, ARCHIVISTS, CURATORS	18116	84.01	4.55	5.80	5.06	.32	.23	15.98
SOCIAL SCIENTISTS AND URBAN PLANNERS	29567	86.57	4.50	4.74	3.31	.46	.38	13.42
SOCIAL, RECREATION AND RELIGIOUS WORKERS	84956	71.99	10.89	11.44	4.71	.71	.23	28.00
LAWYERS AND JUDGES	67270	91.09	2.76	3.59	2.02	.35	.17	8.90
WRITERS, ARTISTS, ENTERTAINERS AND ATHLETES	213766	83.92	3.69	7.39	4.21	.61	.15	16.07
TECHNICAL SALES AND ADMINISTRATIVE SUPPORT	3626226	74.54	7.01	11.70	5.87	.65	.20	25.45
TECHNICIANS AND RELATED SUPPORT	365979	74.20	6.54	8.82	9.51	.70	.21	25.79
HEALTH TECHNOLOGISTS AND TECHNICIANS	96666	67.73	11.88	9.13	10.03	.91	.28	32.26
ENGINEERING & RELATED TECHNOLOGISTS & TECHS.	143507	73.65	4.83	10.73	9.94	.64	.18	26.34
TECHS., EXCEPT HEALTH, ENGINEERING & SCIENCE	125806	79.79	4.37	6.41	8.62	.60	.18	20.20
SALES	1209843	80.59	4.33	9.90	4.42	.55	.18	19.40
SUPERVISORS AND PROPRIETORS	182155	81.36	3.14	8.58	6.16	.54	.18	18.63
SALES REPRESENTATIVES, FINANCE & BUS. SERVICES	264192	87.36	3.41	5.20	3.38	.47	.14	12.63
SALES REPS., COMMODITIES EXCEPT RETAIL	144124	86.93	2.74	6.95	2.72	.46	.16	13.06
SALES WORKERS, RETAIL AND PERSONAL SERVICES	616340	75.95	5.44	13.01	4.75	.61	.21	24.04
OTHER SALES RELATED	3032	85.62	4.41	6.92	2.40	.36	.26	14.37
ADMINISTRATIVE SUPPORT	2050404	71.03	8.68	13.27	6.08	.70	.20	28.96
SUPERVISORS, ADMINISTRATIVE SUPPORT	132051	74.55	8.21	11.14	5.33	.60	.14	25.44
COMPUTER EQUIPMENT OPERATORS	50679	65.22	11.33	12.99	9.32	.79	.32	34.77
SECRETARIES, STENOGRAPHERS, TYPISTS	499313	76.83	6.51	11.20	4.57	.65	.19	23.16
INFORMATION CLERKS	117705	73.30	7.84	13.46	4.37	.81	.20	26.69
RECORDS PROCESSING EXCEPT FINANCIAL	124637	66.65	10.11	15.60	6.71	.74	.17	33.34
FINANCIAL RECORDS PROCESSING	275230	78.40	4.85	8.99	6.91	.64	.18	21.59
DUPLICATING AND OTHER OFFICE MACHINE OPRS.	7131	60.63	13.29	15.10	9.17	1.03	.75	39.36

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 31 (CONTINUED)

TOTAL CIVILIAN LABOR FORCE
16 YEARS AND OVER BY RACE/ETHNICITY AND OCCUPATION
CALIFORNIA 1980

OCCUPATION	TOTAL NUMBER	PERCENT OF TOTAL CIVILIAN LABOR FORCE						
		WHITE NOT HISPANIC	BLACK NOT HISPANIC	HISPANIC ALL RACES	ASIAN AND PAC ISL. NOT HISPANIC	NATIVE AMERICAN NOT HISPANIC	OTHER RACES NOT HISPANIC	TOTAL MINORITY
COMMUNICATIONS EQUIPMENT OPERATORS	45705	70.99	11.28	13.55	2.83	1.03	.28	29.00
MAIL AND MESSAGE DISTRIBUTING	87584	60.44	17.57	12.74	8.32	.71	.19	39.55
MATERIAL RECORDING AND DIST. CLERKS, N.E.C.	202928	64.95	9.39	19.50	5.16	.76	.20	35.04
ADJUSTERS AND INVESTIGATORS	78335	70.33	10.92	11.97	5.86	.71	.18	29.66
OTHER ADMINISTRATIVE SUPPORT	429106	65.15	10.41	15.71	7.74	.72	.24	34.84
SERVICES	1444204	61.93	9.97	21.08	5.80	.93	.25	38.06
PRIVATE HOUSEHOLDS	70886	45.03	12.65	35.95	5.10	.84	.40	54.96
PROTECTIVE SERVICES	167200	75.70	10.50	10.29	2.30	1.02	.15	24.29
SUPERVISORS, PROTECTIVE SERVICES	13971	85.46	6.07	6.30	1.13	.93	.08	14.53
FIREFIGHTING AND FIRE PREVENTION	26600	84.68	5.00	8.00	.97	1.19	.13	15.31
POLICE AND DETECTIVES	57313	78.74	7.13	11.37	1.69	.89	.16	21.25
GUARDS	69316	67.78	16.30	11.09	3.55	1.09	.17	32.21
SERVICES EXCEPT PROTECTIVE AND HOUSEHOLD	1206118	61.02	9.74	21.70	6.33	.92	.26	38.97
SUPERVISORS, FOOD PREPARATION AND SERVICES	519829	65.01	5.47	20.67	7.71	.85	.26	34.98
HEALTH SERVICES	170484	60.57	15.57	16.48	5.98	1.11	.26	39.42
CLEANING AND BUILDING SERVICES	279156	49.03	15.25	28.90	5.52	.99	.27	50.96
PERSONAL SERVICES	236649	66.70	8.45	19.20	4.52	.85	.24	33.29
FARMING, FORESTRY AND FISHING	346916	44.47	2.56	45.99	5.85	.84	.26	55.52
FARM OPERATORS AND MANAGERS	54123	80.17	.82	11.05	7.30	.46	.17	19.82
FARM OCCUPATIONS, EXCEPT MANAGERIAL	170090	25.27	1.58	67.91	4.29	.65	.28	74.72
RELATED AGRICULTURAL OCCUPATIONS	106832	51.14	4.96	34.45	8.28	.86	.28	48.85
FORESTRY & LOGGING	9749	81.66	3.16	8.25	.70	6.00	.19	18.33
FISHERS, HUNTERS AND TRAPPERS	6122	86.52	2.30	7.59	2.58	.99	.00	13.47
PRECISION PRODUCTION, CRAFT AND REPAIR	1414633	70.69	4.88	19.33	3.95	.91	.21	29.30
SUPERVISORS, MECHANICS AND REPAIRERS	18516	84.03	3.53	9.30	2.45	.62	.04	15.96
VEHICLE & MOBILE EQUIPMENT MECHS. & REPAIRERS	185085	69.92	4.87	19.74	4.34	.91	.19	30.07
INDUSTRIAL MACHINERY REPAIRERS	29102	70.94	4.87	20.09	3.04	.81	.23	29.05
MACHINERY MAINTENANCE	3148	67.31	8.38	19.56	3.20	.98	.54	32.68
ELECTRICAL AND ELECTRONIC EQUIPMENT REPAIRERS	78436	75.21	5.82	13.84	4.14	.76	.19	24.78
HEATING, AIR CONDITIONING, REFRIGERATION MECHS.	13292	78.71	4.04	14.30	2.48	.41	.03	21.28
OTHER MECHANICS AND REPAIRERS	76990	72.13	5.66	17.38	3.64	.89	.27	27.86
SUPERVISORS, CONSTRUCTION	93059	85.26	2.57	9.93	1.32	.80	.09	14.73
CONSTRUCTION TRADES, EXCEPT SUPERVISORS	413241	74.20	4.51	18.19	1.83	1.04	.19	25.79
EXTRACTIVE OCCUPATIONS	10638	81.75	3.63	11.10	.46	2.65	.39	18.24
PRECISION PRODUCTION OCCUPATIONS	493126	63.41	5.43	23.73	6.31	.84	.25	36.58

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 31 (CONTINUED)

TOTAL CIVILIAN LABOR FORCE
16 YEARS AND OVER BY RACE/ETHNICITY AND OCCUPATION
CALIFORNIA 1980

OCCUPATION	TOTAL NUMBER	PERCENT OF TOTAL CIVILIAN LABOR FORCE						
		WHITE NOT HISPANIC	BLACK NOT HISPANIC	HISPANIC ALL RACES	ASIAN AND PAC ISL. NOT HISPANIC	NATIVE AMERICAN NOT HISPANIC	OTHER RACES NOT HISPANIC	TOTAL MINORITY
OPERATORS, FABRICATORS AND LABORERS	1732992	52.29	7.74	33.82	4.91	.95	.25	47.70
MACHINE OPRS., ASSEMBLERS AND INSPECTORS	841488	44.06	6.87	41.01	6.93	.82	.29	55.93
METALWORKING AND PLASTIC WORKING MACHINE OPRS.	54532	48.89	6.24	39.78	3.99	.91	.17	51.10
METAL AND PLASTIC PROCESSING MACHINE OPERATORS	20145	42.96	8.34	43.91	3.53	.84	.39	57.03
WOODWORKING MACHINE OPERATORS	11995	60.38	3.53	31.68	2.65	1.41	.32	39.61
PRINTING MACHINE OPERATORS	45121	69.86	5.79	18.83	4.41	.80	.29	30.13
TEXTILE, APPAREL AND FURNISHINGS MACHINE OPRS.	102853	22.04	5.85	55.02	16.33	.45	.28	77.95
MACHINE OPERATORS, ASSORTED MATERIALS	273658	43.43	6.83	43.80	4.79	.80	.31	56.56
FABRICATORS, ASSEMBLERS & HAND WORKING OCCUPS.	333184	46.55	7.49	37.75	6.97	.92	.28	53.44
TRANSPORTATION AND MATERIAL MOVING	419722	67.13	9.03	20.46	1.92	1.23	.19	32.86
MOTOR VEHICLE OPERATORS	306835	68.32	9.80	18.64	1.89	1.12	.21	31.67
RAIL TRANSPORTATION OCCUPATIONS	10277	80.24	8.66	9.18	1.01	.79	.09	19.75
WATER TRANSPORTATION OCCUPATIONS	6121	79.75	5.29	8.20	5.96	.65	.13	20.24
MATERIAL MOVING EQUIPMENT OPERATORS	96489	61.18	6.86	28.22	1.87	1.68	.17	38.81
HANDLERS, EQUIP. CLEARNERS, HELPERS AND LABORERS	471782	53.78	8.17	32.87	3.97	.93	.24	46.21
UNEMPLOYED, NO CIV. WORK EXPERIENCE SINCE 1975	76185	45.36	18.36	29.07	5.88	.93	.37	54.63

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 32

FEMALE CIVILIAN LABOR FORCE
16 YEARS AND OVER BY RACE/ETHNICITY AND OCCUPATION
CALIFORNIA 1980

OCCUPATION	TOTAL NUMBER	PERCENT OF FEMALE CIVILIAN LABOR FORCE						
		WHITE NOT HISPANIC	BLACK NOT HISPANIC	HISPANIC ALL RACES	ASIAN AND PAC ISL. NOT HISPANIC	NATIVE AMERICAN NOT HISPANIC	OTHER RACES NOT HISPANIC	TOTAL MINORITY
TOTAL, ALL OCCUPATIONS INCLUDING UNEMPLOYED	4868377	69.61	7.47	15.93	5.99	.77	.21	30.38
MANAGERIAL AND PROFESSIONAL SPECIALTY	1081680	79.92	6.12	7.40	5.73	.64	.17	20.07
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL	450697	80.23	5.66	7.87	5.35	.70	.16	19.76
EXECUTIVE, ADMINISTRATIVE	296071	82.24	5.02	7.55	4.28	.72	.16	17.75
MANAGEMENT RELATED	154626	76.37	6.88	8.49	7.40	.66	.17	23.62
PROFESSIONAL SPECIALTY	630983	79.69	6.44	7.05	6.01	.60	.18	20.30
ENGINEERS, ARCHITECTS, SURVEYORS	14093	77.71	4.98	6.86	9.71	.53	.17	22.28
MATHEMATICAL AND COMPUTER SCIENTISTS	20118	76.46	5.09	5.55	12.05	.61	.22	23.53
HEALTH DIAGNOSING	10357	72.35	4.52	6.78	15.69	.19	.43	27.64
HEALTH ASSESSMENT AND TREATING	149680	77.11	6.68	5.49	9.84	.62	.23	22.88
TEACHERS, POSTSECONDARY	26084	83.72	4.11	6.60	4.88	.54	.11	16.27
TEACHERS, EXCEPT POSTSECONDARY	238626	80.56	6.95	7.81	3.95	.58	.13	19.43
COUNSELORS, EDUCATIONAL AND VOCATIONAL	11802	70.73	12.93	10.73	4.28	1.21	.09	29.26
LIBRARIANS, ARCHIVISTS, CURATORS	13631	85.54	4.35	4.68	4.88	.29	.24	14.45
SOCIAL SCIENTISTS AND URBAN PLANNERS	11848	85.41	5.94	4.71	3.02	.46	.43	14.58
SOCIAL, RECREATION AND RELIGIOUS WORKERS	38191	69.43	12.78	12.43	4.19	.89	.25	30.56
LAWYERS AND JUDGES	11412	85.02	5.49	4.67	4.04	.49	.25	14.97
WRITERS, ARTISTS, ENTERTAINERS AND ATHLETES	85141	85.96	2.93	6.33	4.09	.54	.13	14.03
TECHNICAL SALES AND ADMINISTRATIVE SUPPORT	2292826	74.00	7.46	12.02	5.60	.70	.19	25.99
TECHNICIANS AND RELATED SUPPORT	140416	70.76	9.25	9.06	9.89	.81	.20	29.23
HEALTH TECHNOLOGISTS AND TECHNICIANS	73874	68.06	12.37	8.59	9.81	.91	.22	31.93
ENGINEERING & RELATED TECHNOLOGISTS & TECHS.	29819	70.60	5.58	12.51	10.57	.56	.15	29.39
TECHS., EXCEPT HEALTH, ENGINEERING & SCIENCE	36723	76.30	5.97	7.20	9.49	.80	.21	23.69
SALES	568975	78.69	4.82	11.11	4.52	.64	.18	21.30
SUPERVISORS AND PROPRIETORS	54312	81.93	3.40	8.43	5.38	.65	.19	18.06
SALES REPRESENTATIVES, FINANCE & BUS. SERVICES	102193	86.99	3.57	5.17	3.50	.60	.14	13.00
SALES REPS., COMMODITIES EXCEPT RETAIL	27478	82.65	3.76	8.91	3.72	.73	.21	17.34
SALES WORKERS, RETAIL AND PERSONAL SERVICES	383131	75.70	5.43	13.26	4.74	.65	.19	24.29
OTHER SALES RELATED	1861	87.10	4.72	5.37	1.98	.37	.42	12.89
ADMINISTRATIVE SUPPORT	1583435	72.60	8.24	12.61	5.61	.72	.19	27.39
SUPERVISORS, ADMINISTRATIVE SUPPORT	71649	75.52	8.54	10.22	4.97	.62	.10	24.47
COMPUTER EQUIPMENT OPERATORS	29990	66.97	11.82	12.04	8.11	.70	.33	33.02
SECRETARIES, STENOGRAPHERS, TYPISTS	487510	77.02	6.43	11.18	4.51	.64	.19	22.97
INFORMATION CLERKS	100244	73.95	7.57	13.36	4.05	.84	.20	26.04
RECORDS PROCESSING EXCEPT FINANCIAL	95529	67.64	9.91	15.30	6.22	.76	.14	32.35
FINANCIAL RECORDS PROCESSING	241792	79.84	4.53	8.72	6.08	.65	.15	20.15
DUPLICATING AND OTHER OFFICE MACHINE OPRS.	4446	64.19	12.30	14.23	7.21	1.52	.51	35.80
COMMUNICATIONS EQUIPMENT OPERATORS	40299	72.00	10.99	12.94	2.67	1.09	.30	27.99

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 32 (CONTINUED)

FEMALE CIVILIAN LABOR FORCE
YEARS AND OVER BY RACE/ETHNICITY AND OCCUPATION
CALIFORNIA 1980

OCCUPATION	TOTAL NUMBER	PERCENT OF FEMALE CIVILIAN LABOR FORCE						
		WHITE NOT HISPANIC	BLACK NOT HISPANIC	HISPANIC ALL RACES	ASIAN AND PAC ISL. NOT HISPANIC	NATIVE AMERICAN NOT HISPANIC	OTHER RACES NOT HISPANIC	TOTAL MINORITY
MAIL AND MESSAGE DISTRIBUTING	28413	57.81	23.56	11.10	6.49	.82	.20	42.18
MATERIAL RECORDING AND DIST. CLERKS, N.E.C.	75981	68.68	9.03	16.60	4.57	.93	.16	31.31
ADJUSTERS AND INVESTIGATORS	51611	67.16	12.31	13.18	6.39	.80	.14	32.83
OTHER ADMINISTRATIVE SUPPORT	355971	65.43	10.29	15.94	7.34	.73	.24	34.56
SERVICES	791013	64.59	9.79	19.19	5.16	1.00	.24	35.40
PRIVATE HOUSEHOLDS	66005	44.52	12.68	36.72	4.84	.81	.40	55.47
PROTECTIVE SERVICES	19268	69.43	15.04	11.46	2.27	1.53	.24	30.56
SUPERVISORS, PROTECTIVE SERVICES	686	66.90	17.49	11.95	.00	3.64	.00	33.09
FIREFIGHTING AND FIRE PREVENTION	788	83.12	2.41	11.29	.25	2.91	.00	16.87
POLICE AND DETECTIVES	5758	70.14	14.84	12.01	1.51	1.05	.41	29.85
GUARDS	12036	68.34	15.82	11.18	2.89	1.55	.19	31.65
SERVICES EXCEPT PROTECTIVE AND HOUSEHOLD	705740	66.33	9.38	17.76	5.27	1.00	.22	33.66
SUPERVISORS, FOOD PREPARATION AND SERVICES	290448	74.48	5.08	13.82	5.36	1.01	.21	25.51
HEALTH SERVICES	147338	61.05	15.38	16.39	5.76	1.14	.25	38.94
CLEANING AND BUILDING SERVICES	83718	44.22	16.19	31.52	6.67	1.14	.23	55.77
PERSONAL SERVICES	184236	67.77	8.26	18.83	4.11	.80	.20	32.22
FARMING, FORESTRY AND FISHING	64561	39.22	1.86	52.30	5.51	.78	.31	60.77
FARM OPERATORS AND MANAGERS	6719	77.71	2.30	10.07	8.64	1.17	.07	22.28
FARM OCCUPATIONS, EXCEPT MANAGERIAL	37322	20.70	1.48	71.53	5.58	.39	.28	79.29
RELATED AGRICULTURAL OCCUPATIONS	19180	58.82	2.34	32.84	4.50	1.00	.46	41.17
FORESTRY & LOGGING	931	79.59	4.61	4.40	2.04	9.34	.00	20.40
FISHERS, HUNTERS AND TRAPPERS	409	84.84	.00	11.98	3.17	.00	.00	15.15
PRECISION PRODUCTION, CRAFT AND REPAIR	141502	56.44	6.56	26.17	9.53	1.02	.26	43.55
SUPERVISORS, MECHANICS AND REPAIRERS	778	72.10	12.72	9.64	3.98	1.54	.00	27.89
VEHICLE & MOBILE EQUIPMENT MECHS. & REPAIRERS	3144	67.68	12.27	15.52	3.53	.76	.22	32.31
INDUSTRIAL MACHINERY REPAIRERS	983	62.86	8.03	25.02	2.74	1.32	.00	37.13
MACHINERY MAINTENANCE	159	50.94	4.40	35.22	6.28	.00	3.14	49.05
ELECTRICAL AND ELECTRONIC EQUIPMENT REPAIRERS	8305	69.16	10.09	14.64	5.06	.96	.07	30.83
HEATING, AIR CONDITIONING, REFRIGERATION MECHS.	153	79.08	10.45	7.18	3.26	.00	.00	20.91
OTHER MECHANICS AND REPAIRERS	3835	65.86	7.09	19.79	6.02	1.22	.00	34.13
SUPERVISORS, CONSTRUCTION	1997	85.32	3.10	7.56	2.45	1.55	.00	14.67
CONSTRUCTION TRADES, EXCEPT SUPERVISORS	9366	70.15	7.52	17.00	3.21	1.96	.12	29.84
EXTRACTIVE OCCUPATIONS	282	68.79	4.25	16.31	3.19	7.44	.00	31.20
PRECISION PRODUCTION OCCUPATIONS	112500	52.99	6.05	28.79	10.92	.92	.30	47.00

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 32 (CONTINUED)

FEMALE CIVILIAN LABOR FORCE
16 YEARS AND OVER BY RACE/ETHNICITY AND OCCUPATION
CALIFORNIA 1980

OCCUPATION	TOTAL NUMBER	PERCENT OF FEMALE CIVILIAN LABOR FORCE						
		WHITE NOT HISPANIC	BLACK NOT HISPANIC	HISPANIC ALL RACES	ASIAN AND PAC ISL. NOT HISPANIC	NATIVE AMERICAN NOT HISPANIC	OTHER RACES NOT HISPANIC	TOTAL MINORITY
OPERATORS, FABRICATORS AND LABORERS	454584	42.22	6.92	40.70	8.96	.89	.27	57.77
MACHINE OPERATORS, ASSEMBLERS AND INSPECTORS	327453	37.64	6.58	43.93	10.74	.78	.29	62.35
METALWORKING AND PLASTIC WORKING MACHINE OPRS.	8415	48.16	6.99	39.18	4.43	1.22	.00	51.83
METAL AND PLASTIC PROCESSING MACHINE OPERATORS	3410	47.24	9.03	37.80	4.13	1.34	.43	52.75
WOODWORKING MACHINE OPERATORS	1133	51.27	1.85	37.95	7.14	.97	.79	48.72
PRINTING MACHINE OPERATORS	11724	73.49	4.63	16.65	3.77	.85	.58	26.50
TEXTILE, APPAREL AND FURNISHINGS MACHINE OPRS.	78293	19.03	5.36	55.50	19.43	.39	.26	80.96
MACHINE OPERATORS, ASSORTED MATERIALS	82386	41.31	6.04	45.18	6.19	.97	.28	58.68
FABRICATORS, ASSEMBLERS & HAND WORKING OCCUPS.	142692	41.86	7.68	39.56	9.74	.84	.30	58.13
TRANSPORTATION AND MATERIAL MOVING	33453	71.52	10.98	13.87	1.61	1.84	.16	28.47
MOTOR VEHICLE OPERATORS	28058	74.20	11.72	10.85	1.14	1.87	.19	25.79
RAIL TRANSPORTATION OCCUPATIONS	293	73.37	12.28	9.55	3.07	1.70	.00	26.62
WATER TRANSPORTATION OCCUPATIONS	115	86.95	.00	13.04	.00	.00	.00	13.04
MATERIAL MOVING EQUIPMENT OPERATORS	4987	56.00	6.97	31.08	4.25	1.68	.00	43.99
HANDLERS, EQUIP. CLEANERS, HELPERS AND LABORERS	93678	47.77	6.68	39.00	5.33	.94	.26	52.22
UNEMPLOYED, NO CIV. WORK EXPERIENCE SINCE 1975	42211	46.57	16.97	29.28	5.87	.90	.38	53.42

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 33

MALE CIVILIAN LABOR FORCE
16 YEARS AND OVER BY RACE/ETHNICITY AND OCCUPATION
CALIFORNIA 1980

OCCUPATION	TOTAL NUMBER	PERCENT OF MALE CIVILIAN LABOR FORCE						
		WHITE NOT HISPANIC	BLACK NOT HISPANIC	HISPANIC ALL RACES	ASIAN AND PAC ISL. NOT HISPANIC	NATIVE AMERICAN NOT HISPANIC	OTHER RACES NOT HISPANIC	TOTAL MINORITY
TOTAL, ALL OCCUPATIONS INCLUDING UNEMPLOYED	6517698	69.83	5.93	18.21	5.05	.73	.21	30.16
MANAGERIAL AND PROFESSIONAL SPECIALTY	1663239	83.16	3.58	6.79	5.79	.47	.18	16.83
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL	859198	83.45	3.45	7.42	5.02	.47	.17	16.54
EXECUTIVE, ADMINISTRATIVE	668928	84.41	3.16	7.28	4.49	.46	.17	15.58
MANAGEMENT RELATED	190270	80.05	4.45	7.93	6.86	.52	.17	19.94
PROFESSIONAL SPECIALTY	804041	82.86	3.72	6.11	6.62	.47	.19	17.13
ENGINEERS, ARCHITECTS, SURVEYORS	222770	81.85	2.13	4.99	10.43	.36	.20	18.14
MATHEMATICAL AND COMPUTER SCIENTISTS	60822	83.71	2.74	4.62	8.09	.44	.37	16.28
HEALTH DIAGNOSING	72154	85.61	2.77	3.13	8.19	.19	.08	14.38
HEALTH ASSESSMENT AND TREATING	27327	73.46	6.94	7.54	11.35	.47	.21	26.53
TEACHERS, POSTSECONDARY	45294	85.74	3.20	5.39	5.03	.34	.27	14.25
TEACHERS, EXCEPT POSTSECONDARY	112255	83.62	4.59	7.63	3.34	.65	.14	16.37
COUNSELORS, EDUCATIONAL AND VOCATIONAL	9967	69.82	11.68	13.67	3.66	1.07	.08	30.17
LIBRARIANS, ARCHIVISTS, CURATORS	4485	79.39	5.19	9.18	5.59	.42	.20	20.60
SOCIAL SCIENTISTS AND URBAN PLANNERS	17719	87.35	3.54	4.76	3.50	.46	.35	12.64
SOCIAL, RECREATION AND RELIGIOUS WORKERS	46765	74.08	9.35	10.63	5.13	.57	.21	25.91
LAWYERS AND JUDGES	55858	92.33	2.20	3.36	1.60	.32	.15	7.66
WRITERS, ARTISTS, ENTERTAINERS AND ATHLETES	128625	82.58	4.19	8.09	4.30	.65	.16	17.41
TECHNICAL SALES AND ADMINISTRATIVE SUPPORT	1333400	75.47	6.25	11.14	6.33	.56	.21	24.52
TECHNICIANS AND RELATED SUPPORT	225563	76.34	4.84	8.67	9.28	.63	.21	23.65
HEALTH TECHNOLOGISTS AND TECHNICIANS	22792	66.64	10.32	10.88	10.74	.93	.46	33.35
ENGINEERING & RELATED TECHNOLOGISTS & TECHS.	113688	74.45	4.63	10.26	9.78	.66	.19	25.54
TECHS, EXCEPT HEALTH, ENGINEERING & SCIENCE	89083	81.22	3.72	6.08	8.27	.51	.17	18.77
SALES	640868	82.27	3.89	8.83	4.32	.47	.19	17.72
SUPERVISORS AND PROPRIETORS	127843	81.12	3.04	8.65	6.50	.49	.18	18.87
SALES REPRESENTATIVES, FINANCE & BUS. SERVICES	161999	87.60	3.31	5.23	3.31	.40	.13	12.39
SALES REPS, COMMODITIES EXCEPT RETAIL	116646	87.94	2.50	6.49	2.49	.39	.15	12.05
SALES WORKERS, RETAIL AND PERSONAL SERVICES	233209	76.36	5.45	12.61	4.76	.55	.24	23.63
OTHER SALES RELATED	1171	83.26	3.92	9.39	3.07	.34	.00	16.73
ADMINISTRATIVE SUPPORT	466969	65.72	10.18	15.51	7.67	.66	.24	34.27
SUPERVISORS, ADMINISTRATIVE SUPPORT	60402	73.39	7.81	12.24	5.76	.58	.19	26.60
COMPUTER EQUIPMENT OPERATORS	20689	62.67	10.62	14.36	11.07	.92	.32	37.32
SECRETARIES, STENOGRAPHERS, TYPISTS	11803	69.27	10.01	12.40	7.13	1.03	.14	30.72
INFORMATION CLERKS	17461	69.53	9.40	14.08	6.17	.61	.18	30.46
RECORDS PROCESSING EXCEPT FINANCIAL	29108	63.40	10.78	16.57	8.31	.68	.24	36.59
FINANCIAL RECORDS PROCESSING	33438	67.96	7.18	10.96	12.92	.56	.39	32.03
DUPLICATING AND OTHER OFFICE MACHINE OPRS.	2685	54.74	14.93	16.53	12.40	.22	1.15	45.25

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 33 (CONTINUED)

MALE CIVILIAN LABOR FORCE
16 YEARS AND OVER BY RACE/ETHNICITY AND OCCUPATION
CALIFORNIA 1980

OCCUPATION	TOTAL NUMBER	PERCENT OF MALE CIVILIAN LABOR FORCE						
		WHITE NOT HISPANIC	BLACK NOT HISPANIC	HISPANIC ALL RACES	ASIAN AND PAC ISL. NOT HISPANIC	NATIVE AMERICAN NOT HISPANIC	OTHER RACES NOT HISPANIC	TOTAL MINORITY
COMMUNICATIONS EQUIPMENT OPERATORS	5406	63.52	13.46	18.09	4.06	.64	.20	36.47
MAIL AND MESSAGE DISTRIBUTING	59171	61.70	14.69	13.53	9.20	.66	.19	38.29
MATERIAL RECORDING AND DIST. CLERKS, N.E.C.	126947	62.72	9.61	21.24	5.52	.66	.23	37.27
ADJUSTERS AND INVESTIGATORS	26724	76.47	8.23	9.63	4.83	.56	.25	23.52
OTHER ADMINISTRATIVE SUPPORT	73135	63.75	10.98	14.61	9.70	.70	.23	36.24
SERVICES	653191	58.72	10.19	23.36	6.58	.85	.27	41.27
PRIVATE HOUSEHOLDS	4881	51.89	12.25	25.56	8.68	1.14	.45	48.10
PROTECTIVE SERVICES	147932	76.52	9.91	10.14	2.30	.96	.14	23.47
SUPERVISORS, PROTECTIVE SERVICES	13285	86.42	5.48	6.01	1.18	.79	.09	13.57
FIREFIGHTING AND FIRE PREVENTION	25812	84.72	5.08	7.90	.99	1.13	.14	15.27
POLICE AND DETECTIVES	51555	79.70	6.26	11.30	1.71	.87	.13	20.29
GUARDS	57280	67.66	16.40	11.07	3.68	1.00	.16	32.33
SERVICES EXCEPT PROTECTIVE AND HOUSEHOLD	500378	53.52	10.26	27.24	7.83	.81	.31	46.47
SUPERVISORS, FOOD PREPARATION AND SERVICES	229381	53.03	5.95	29.35	10.67	.65	.32	46.96
HEALTH SERVICES	23146	57.57	16.76	17.06	7.38	.94	.27	42.42
CLEANING AND BUILDING SERVICES	195438	51.09	14.85	27.78	5.03	.93	.28	48.90
PERSONAL SERVICES	52413	62.96	9.13	20.50	5.97	1.02	.39	37.03
FARMING, FORESTRY AND FISHING	282355	45.67	2.72	44.55	5.93	.85	.25	54.32
FARM OPERATORS AND MANAGERS	47404	80.52	.61	11.19	7.11	.35	.19	19.47
FARM OCCUPATIONS, EXCEPT MANAGERIAL	132768	26.55	1.61	66.89	3.92	.72	.28	73.44
RELATED AGRICULTURAL OCCUPATIONS	87652	49.46	5.53	34.80	9.10	.83	.25	50.53
FORESTRY & LOGGING	8818	81.88	3.01	8.66	.56	5.64	.21	18.11
FISHERS, HUNTERS AND TRAPPERS	5713	86.64	2.46	7.28	2.53	1.06	.00	13.35
PRECISION PRODUCTION, CRAFT AND REPAIR	1273131	72.28	4.69	18.57	3.33	.90	.20	27.71
SUPERVISORS, MECHANICS AND REPAIRERS	17738	84.55	3.13	9.29	2.38	.58	.04	15.44
VEHICLE & MOBILE EQUIP. MECHANICS & REPAIRERS	181941	69.96	4.74	19.81	4.36	.91	.19	30.03
INDUSTRIAL MACHINERY REPAIRERS	28119	71.22	4.76	19.91	3.05	.79	.23	28.77
MACHINERY MAINTENANCE	2989	68.18	8.59	18.73	3.04	1.03	.40	31.81
ELECTRICAL AND ELECTRONIC EQUIP. REPAIRERS	70131	75.93	5.32	13.75	4.03	.73	.21	24.06
HEATING, AIR CONDITIONING, REFRIGERATION MECHS.	13139	78.71	3.97	14.38	2.47	.41	.03	21.28
OTHER MECHANICS AND REPAIRERS	73155	72.46	5.59	17.25	3.52	.87	.28	27.53
SUPERVISORS, CONSTRUCTION	91062	85.26	2.56	9.99	1.30	.78	.09	14.73
CONSTRUCTION TRADES, EXCEPT SUPERVISORS	403875	74.29	4.44	18.22	1.80	1.02	.19	25.70
EXTRACTIVE OCCUPATIONS	10356	82.10	3.62	10.95	.38	2.52	.40	17.89
PRECISION PRODUCTION OCCUPATIONS	380626	66.49	5.25	22.23	4.95	.82	.23	33.50

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 33 (CONTINUED)

MALE CIVILIAN LABOR FORCE
16 YEARS AND OVER BY RACE/ETHNICITY AND OCCUPATION
CALIFORNIA 1980

OCCUPATION	TOTAL NUMBER	PERCENT OF MALE CIVILIAN LABOR FORCE						
		WHITE NOT HISPANIC	BLACK NOT HISPANIC	HISPANIC ALL RACES	ASIAN AND PAC ISL. NOT HISPANIC	NATIVE AMERICAN NOT HISPANIC	OTHER RACES NOT HISPANIC	TOTAL MINORITY
OPERATORS, FABRICATORS AND LABORERS	1278408	55.87	8.04	31.37	3.48	.97	.24	44.12
MACHINE OPERATORS, ASSEMBLERS AND INSPECTORS	514035	48.14	7.05	39.15	4.50	.85	.29	51.85
METALWORKING AND PLASTIC WORKING MACHINE OPRS.	46117	49.03	6.11	39.88	3.91	.85	.20	50.96
METAL AND PLASTIC PROCESSING MACHINE OPRS.	16735	42.09	8.20	45.15	3.41	.74	.38	57.90
WOODWORKING MACHINE OPERATORS	10862	61.33	3.71	31.03	2.18	1.46	.27	38.66
PRINTING MACHINE OPERATORS	33397	68.58	6.20	19.60	4.63	.78	.18	31.41
TEXTILE, APPAREL AND FURNISHINGS MACHINE OPRS.	24560	31.64	7.38	53.51	6.46	.63	.34	68.35
MACHINE OPERATORS, ASSORTED MATERIALS	191272	44.35	7.17	43.20	4.19	.73	.32	55.64
FABRICATORS, ASSEMBLERS & HAND WORKING OCCUPS.	191092	50.05	7.35	36.41	4.91	.98	.27	49.94
TRANSPORTATION AND MATERIAL MOVING	386269	66.75	8.86	21.03	1.95	1.18	.20	33.24
MOTOR VEHICLE OPERATORS	278777	67.73	9.61	19.43	1.96	1.04	.21	32.26
RAIL TRANSPORTATION OCCUPATIONS	9984	80.44	8.55	9.17	.95	.77	.10	19.55
WATER TRANSPORTATION OCCUPATIONS	6006	79.62	5.39	8.10	6.07	.66	.13	20.37
MATERIAL MOVING EQUIPMENT OPERATORS	91502	61.46	6.85	28.06	1.74	1.68	.18	38.53
HANDLERS, EQUIP. CLEANERS, HELPERS AND LABORERS	378104	55.27	8.54	31.35	3.64	.93	.23	44.72
UNEMPLOYED, NO CIV. WORK EXPERIENCE SINCE 1975	33974	43.86	20.09	28.81	5.89	.97	.35	56.13

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 34

LABOR FORCE STATUS BY RACE AND SEX
FOR PERSONS 16 YEARS OLD AND OVER (A)
CALIFORNIA 1980

LABOR FORCE STATUS	TOTAL	WHITE	BLACK	AMERICAN INDIAN, ALASKA NAT.	ASIAN AND PACIFIC ISLANDER	OTHER
TOTAL LABOR FORCE	11,649,488	9,166,912	801,575	105,634	668,477	906,890
ARMED FORCES	263,413	196,082	37,891	3,134	14,413	11,893
CIV LABOR FORCE	11,386,075	8,970,830	763,684	102,500	654,064	894,997
EMPLOYED	10,640,405	8,447,610	679,044	90,437	623,977	799,337
UNEMPLOYED	745,670	523,220	84,640	12,063	30,087	95,660
UNEMPLOYMENT RATE	6.5	5.8	11.1	11.8	4.6	10.7
TOTAL NOT IN LABOR FORCE	6,477,395	5,155,019	495,629	60,309	316,716	449,722
MALE LABOR FORCE	6,762,588	5,347,696	428,643	60,455	360,073	565,721
ARMED FORCES	244,890	182,012	34,819	2,929	13,855	11,275
CIV LABOR FORCE	6,517,698	5,165,684	393,824	57,526	346,218	554,446
EMPLOYED	6,088,529	4,862,867	345,618	50,302	331,186	498,556
UNEMPLOYED	429,169	302,817	48,206	7,224	15,032	55,890
UNEMPLOYMENT RATE	6.6	5.9	12.2	12.6	4.3	10.1
MALES NOT IN LABOR FORCE	2,067,954	1,602,353	196,420	19,727	113,739	135,715
FEMALE LABOR FORCE	4,886,900	3,819,216	372,932	45,179	308,404	341,169
ARMED FORCES	18,523	14,070	3,072	205	558	618
CIV LABOR FORCE	4,868,377	3,805,146	369,860	44,974	307,846	340,551
EMPLOYED	4,551,876	3,584,743	333,426	40,135	292,791	300,781
UNEMPLOYED	316,501	220,403	36,434	4,839	15,055	39,770
UNEMPLOYMENT RATE	6.5	5.8	9.9	10.8	4.9	11.7
FEMALES NOT IN LABOR FORCE	4,409,441	3,552,666	299,209	40,582	202,977	314,007

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

(A) DATA IN THIS TABLE ARE BASED ON SAMPLE INFORMATION AND MAY DIFFER FROM COMPLETE COUNT DATA ELSEWHERE.

TABLE 35

LABOR FORCE STATUS BY ETHNIC ORIGIN AND SEX
FOR PERSONS 16 YEARS OLD AND OVER (A)
CALIFORNIA 1980

LABOR FORCE STATUS	TOTAL	HISPANIC ORIGIN	OTHER (THAN HISPANIC) ORIGIN
TOTAL LABOR FORCE	11,649,488	1,984,925	9,664,563
ARMED FORCES	263,413	21,726	241,687
CIV LABOR FORCE	11,386,075	1,963,199	9,422,876
EMPLOYED	10,640,405	1,775,141	8,865,264
UNEMPLOYED	745,670	188,058	557,612
UNEMPLOYMENT RATE	6.5	9.6	5.9
TOTAL NOT IN LABOR FORCE	6,477,395	985,259	5,492,136
MALE LABOR FORCE	6,762,588	1,207,837	5,554,751
ARMED FORCES	244,890	20,472	224,418
CIV LABOR FORCE	6,517,698	1,187,365	5,330,333
EMPLOYED	6,088,529	1,078,863	5,009,666
UNEMPLOYED	429,169	108,502	320,667
UNEMPLOYMENT RATE	6.6	9.1	6.0
MALES NOT IN LABOR FORCE	2,067,954	287,916	1,780,038
FEMALE TOTAL LABOR FORCE	4,886,900	777,088	4,109,812
ARMED FORCES	18,523	1,254	17,269
CIV LABOR FORCE	4,868,377	775,834	4,092,543
EMPLOYED	4,551,876	696,278	3,855,598
UNEMPLOYED	316,501	79,556	236,945
UNEMPLOYMENT RATE	6.5	10.3	5.8
FEMALES NOT IN LABOR FORCE	4,409,441	697,343	3,712,098

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

(A) DATA IN THIS TABLE ARE BASED ON SAMPLE INFORMATION AND MAY DIFFER FROM COMPLETE COUNT DATA ELSEWHERE

TABLE 36

LABOR FORCE STATUS BY RACE/ETHNICITY AND DISABILITY STATUS
CALIFORNIA 1980

LABOR FORCE STATUS	TOTAL	WHITE NOT HISPANIC	BLACK NOT HISPANIC	NATIVE AMERICAN NOT HISP	ASIAN/PI NOT HISPANIC	REMAINING RACES NOT HISPANIC	HISPANIC ALL RACES
TOTAL NONINSTITUTIONAL PERSONS 16-64 YEARS	15,610,807	10,672,203	1,139,450	128,323	856,632	36,468	2,777,731
WITH A WORK DISABILITY	1,279,189	902,083	140,985	19,152	34,183	2,352	180,434
PERCENT, NONINSTITUTIONAL PERSONS 16-64 YRS	8.2	8.5	12.4	14.9	4.0	6.4	6.5
IN LABOR FORCE	494,461	361,720	41,455	7,644	14,997	958	67,687
PERCENT OF TOTAL LABOR FORCE	4.4	4.6	5.3	8.8	2.4	3.9	3.4
NOT IN LABOR FORCE	784,728	540,363	99,530	11,508	19,186	1,394	112,747
PREVENTED FROM WORKING	647,082	438,898	87,439	9,545	14,658	1,182	95,360
NOT PREVENTED FROM WORKING	137,646	101,465	12,091	1,963	4,528	212	17,387
NONINSTITUTIONAL FEMALES 16-64 YEARS	7,844,904	5,347,949	591,260	66,714	447,627	17,513	1,373,841
WITH A WORK DISABILITY	624,780	432,100	74,516	9,711	18,057	1,084	89,312
PERCENT, NONINSTITUTIONAL FEMALES 16-64 YRS	8.0	8.1	12.6	14.6	4.0	6.2	6.5
IN LABOR FORCE	172,494	123,192	17,240	2,865	6,164	302	22,731
PERCENT OF FEMALE LABOR FORCE	3.6	3.7	4.8	7.7	2.1	3.0	3.0
NOT IN LABOR FORCE	452,286	308,908	57,276	6,846	11,893	782	66,581
PREVENTED FROM WORKING	363,532	242,936	50,196	5,509	9,025	686	55,180
NOT PREVENTED FROM WORKING	88,754	65,972	7,080	1,337	2,868	96	11,401

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 37

SCHOOL AND LABOR FORCE STATUS
OF YOUTH 16-19 YEARS OLD
CALIFORNIA 1980

LABOR FORCE STATUS	NUMBER
TOTAL YOUTH	1,727,757
NUMBER IN ARMED FORCES	39,787
NUMBER IN SCHOOL	1,188,429
NOT IN SCHOOL	499,541
HIGH SCHOOL GRADUATES	
LABOR FORCE	200,245
EMPLOYED	174,063
UNEMPLOYED	26,182
UNEMPLOYMENT RATE	13.1
NOT IN LABOR FORCE	51,902
NOT HIGH SCHOOL GRADUATES	
LABOR FORCE	147,357
EMPLOYED	111,169
UNEMPLOYED	36,188
UNEMPLOYMENT RATE	24.6
NOT IN LABOR FORCE	100,037

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 38

YEARS OF SCHOOL COMPLETED BY RACE
PERSONS 25 YEARS AND OVER
CALIFORNIA 1980

YEARS COMPLETED	TOTAL	WHITE	BLACK	AMER INDIAN ESK & ALEUT	ASIAN & PAC ISL	OTHER
TOTAL	14,043,986	11,328,655	936,970	119,549	767,274	891,538
ELEMENTARY	1,995,944	1,310,434	137,073	17,665	118,072	412,700
HIGH SCHOOL 1-3 YEARS	1,728,792	1,340,844	158,042	23,384	63,444	143,078
HIGH SCHOOL 4 YEARS	4,415,732	3,705,472	296,934	39,118	185,808	188,400
COLLEGE 1-3 YEARS	3,150,653	2,618,371	239,409	27,619	161,309	103,945
COLLEGE 4 YEARS	2,752,865	2,353,534	105,512	11,763	238,641	43,415

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 39

YEARS OF SCHOOL COMPLETED BY ETHNICITY
PERSONS 25 YEARS AND OVER
CALIFORNIA 1980

YEARS COMPLETED	TOTAL	PERSONS OF HISPANIC ORIGIN	PERSONS OF OTHER THAN HISPANIC ORIGIN
TOTAL	14,043,986	2,037,978	12,006,008
ELEMENTARY	1,995,944	822,117	1,173,827
HIGH SCHOOL 1-3 YEARS	1,728,792	327,526	1,401,266
HIGH SCHOOL 4 YEARS	4,415,732	480,854	3,934,878
COLLEGE 1-3 YEARS	3,150,653	276,438	2,874,215
COLLEGE 4 YEARS	2,752,865	131,043	2,621,822

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 40

PART-TIME WORKERS BY STATUS (A)
CALIFORNIA 1975-1987

YEAR	EMPLOYED PART-TIME FOR ECONOMIC REASONS (B)	EMPLOYED PART-TIME VOLUNTARILY	UNEMPLOYED LOOKING FOR PART-TIME WORK
1975	401,000	1,238,000	167,000
1976	390,000	1,314,000	186,000
1977	422,000	1,372,000	177,000
1978	403,000	1,433,000	165,000
1979	421,000	1,429,000	157,000
1980	443,000	1,528,000	149,000
1981	541,000	1,553,000	158,000
1982	696,000	1,576,000	190,000
1983	685,000	1,577,000	184,000
1984	639,000	1,603,000	171,000
1985	625,000	1,668,000	176,000
1986	620,000	1,642,000	166,000
1987	616,000	1,787,000	156,000

SOURCE: GEOGRAPHIC PROFILES OF EMPLOYMENT AND UNEMPLOYMENT, BUREAU OF LABOR STATISTICS, U.S. DEPARTMENT OF LABOR, CURRENT POPULATION SURVEY DATA.

(A) PART-TIME WORK IS DEFINED AS LESS THAN 35 HOURS PER WEEK.

(B) PART-TIME WORKERS FOR ECONOMIC REASONS ARE MEMBERS OF THE FULL-TIME LABOR FORCE WHO WORK PART-TIME BECAUSE IT WAS THE ONLY WORK THEY COULD FIND OR THEIR FIRM DOESN'T HAVE ENOUGH WORK TO KEEP THEM ON A FULL-TIME SCHEDULE.

TABLE 41

PUBLIC ASSISTANCE RECIPIENTS BY PROGRAM

JUNE 1984–1986

CALIFORNIA

RECIPIENTS BY PROGRAM	1984	1985	1986
AID TO FAMILIES WITH DEPENDENT CHILDREN (A)	1,627,639	1,657,517	1,681,033
ADULTS	550,901	548,113	544,043
CHILDREN	1,076,738	1,109,404	1,136,990
FOOD STAMPS (B)	1,634,061	1,600,571	1,626,455
GENERAL RELIEF	56,609	64,725	72,652
REFUGEE CASH ASSISTANCE (C)	7,638	8,483	7,693

SOURCE: PUBLIC WELFARE IN CALIFORNIA, DEPARTMENT OF SOCIAL SERVICES.

(A) INCLUDES CHILDREN IN THE FAMILY GROUPS, UNEMPLOYED CASES, AND FOSTER CARE.

(B) INCLUDES THOSE PERSONS RECEIVING PUBLIC ASSISTANCE PAYMENTS AND THOSE NOT RECEIVING PUBLIC ASSISTANCE PAYMENTS

(C) EXCLUDES AFDC RECIPIENTS.

TABLE 42

AID TO FAMILIES WITH DEPENDENT CHILDREN (AFDC)
CHARACTERISTICS OF RECIPIENTS 16 YEARS AND OVER

JUNE 1984–1986

CALIFORNIA

CHARACTERISTICS	1984	1985	1986
TOTAL RECIPIENTS 16+ (A).....	649,310	661,230	670,610
MALE	134,250	136,710	138,650
FEMALE	515,060	524,520	531,960
16 - 21	174,040	177,240	179,750
22 - 44	433,380	441,330	447,600
45 - 54	31,750	32,340	32,790
55 +.....	10,140	10,320	10,470
WHITE, (NOT HISPANIC).....	237,930	238,210	241,240
BLACK, (NOT HISPANIC).....	163,480	164,050	160,930
HISPANIC	187,700	195,970	203,710
ASIAN AND PACIFIC ISLANDER	52,220	55,150	56,490
AMERICAN INDIAN	5,110	5,180	5,440
FILIPINO	2,870	2,670	2,810

SOURCE: TOTAL FIGURE IS FROM PUBLIC WELFARE IN CALIFORNIA, DEPARTMENT OF SOCIAL SERVICES. PROPORTIONS BY SEX, AGE, AND ETHNICITY ARE EMPLOYMENT DEVELOPMENT DEPARTMENT ESTIMATES.

(A) INCLUDES CHILDREN IN FAMILY GROUPS, UNEMPLOYED CASES, AND FOSTER CARE.

NOTE: PARTS MAY NOT ADD TO TOTALS BECAUSE OF INDEPENDENT ROUNDING.

TABLE 43

SUPPLEMENTAL SECURITY INCOME (SSI)
RECIPIENTS BY PROGRAM

DECEMBER 1984–1986

CALIFORNIA

PROGRAM	1984	1985	1986
TOTAL RECIPIENTS	664,555	684,106	710,575
AGED	264,379	268,065	273,812
BLIND	18,941	19,566	20,221
ADULTS	17,769	18,260	18,849
CHILDREN (A)	1,172	1,306	1,372
DISABLED	381,235	396,475	416,542
ADULTS	358,381	372,551	391,554
CHILDREN (A)	22,854	23,924	24,988

SOURCE: SUPPLEMENTAL SECURITY INCOME, STATE AND COUNTY DATA, SOCIAL SECURITY ADMINISTRATION, OFFICE OF RESEARCH AND STATISTICS, JUNE 1986

(A) INDIVIDUALS UNDER 18 YEARS OF AGE.

TABLE 44

POVERTY STATUS BY RACE
CALIFORNIA 1980

POVERTY STATUS	TOTAL	WHITE	BLACK	AMERICAN INDIAN, ALASKA NAT	ASIAN AND PACIFIC ISLANDER	OTHER
TOTAL	23,106,594	17,801,156	1,750,502	224,833	1,289,782	2,040,321
ABOVE POVERTY	20,480,411	16,225,687	1,357,024	184,485	1,130,218	1,582,997
BELOW POVERTY	2,626,183	1,575,469	393,478	40,348	159,564	457,324
PERCENT BELOW POVERTY	11.4%	8.9%	22.5%	17.9%	12.4%	22.4%

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 45

POVERTY STATUS BY ETHNIC ORIGIN
CALIFORNIA 1980

POVERTY STATUS	TOTAL	HISPANIC ORIGIN	OTHER (THAN HISPANIC) ORIGIN
TOTAL	23,106,594	4,467,296	18,639,298
ABOVE POVERTY	20,480,411	3,613,098	16,867,313
BELOW POVERTY	2,626,183	854,198	1,771,985
PERCENT BELOW POVERTY	11.4%	19.1%	9.5%

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 46

RATIO OF PERSONAL INCOME TO POVERTY
CALIFORNIA 1980

PERSONAL INCOME LEVEL	PERSONS	PERCENT OF TOTAL
TOTAL	23,106,594	100.0
BELOW 75% OF POVERTY	1,737,326	7.5
BETWEEN 75 AND 124% OF POVERTY	1,955,665	8.5
BETWEEN 125 AND 149% OF POVERTY	1,088,293	4.7
BETWEEN 150 AND 199% OF POVERTY	2,150,395	9.3
200% OF POVERTY LEVEL AND ABOVE	16,174,915	70.0

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 47

FAMILIES BY PRESENCE OF CHILDREN AND POVERTY STATUS
CALIFORNIA 1980

FAMILY POVERTY STATUS	ALL FAMILIES	FEMALE-HEADED FAMILIES
	5,978,084	883,177
ABOVE POVERTY	5,457,035	652,715
CHILDREN AGED 0-5 AND 6-17	536,397	49,399
CHILDREN AGED 0-5 ONLY	697,147	66,082
CHILDREN AGED 6-17 ONLY	1,579,166	295,625
NO CHILDREN	2,644,325	241,609
BELOW POVERTY	521,049	230,462
CHILDREN AGED 0-5 AND 6-17	123,411	55,814
CHILDREN AGED 0-5 ONLY	119,801	56,408
CHILDREN AGED 6-17 ONLY	169,159	98,219
NO CHILDREN	108,678	20,021

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 48

INCOME BY HOUSEHOLDS AND FAMILIES
CALIFORNIA 1980

INCOME	HOUSEHOLDS	FAMILIES
TOTAL	8,644,633	5,978,084
$ 0 - 2,499	352,113	170,810
$ 2,500 - 4,999	638,400	207,432
$ 5,000 - 7,499	625,996	328,924
$ 7,500 - 9,999	653,526	393,026
$10,000 - 12,499	705,612	434,909
$12,500 - 14,999	573,611	381,850
$15,000 - 17,499	613,721	419,954
$17,500 - 19,999	532,486	384,407
$20,000 - 22,499	584,489	434,320
$22,500 - 24,999	460,560	363,345
$25,000 - 27,499	458,063	369,077
$27,500 - 29,999	353,390	294,696
$30,000 - 34,999	617,619	522,983
$35,000 - 39,999	428,937	369,504
$40,000 - 49,999	494,764	428,836
$50,000 - 74,999	379,955	327,325
$75,000 OR MORE	171,391	146,686

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 49

FAMILY INCOME BY RACE
CALIFORNIA 1980

INCOME	TOTAL	WHITE	BLACK	AMERICAN INDIAN, ALASKA NAT	ASIAN AND PACIFIC ISLANDER	OTHER
TOTAL	5,978,084	4,753,164	430,983	54,633	295,582	443,722
$ 0 - 4,999	378,242	238,592	64,041	5,800	20,290	49,519
$ 5,000 - 7,499	328,924	227,412	42,126	4,949	12,951	41,486
$ 7,500 - 9,999	393,026	286,255	40,805	4,648	15,693	45,625
$10,000 - 14,999	816,759	615,121	69,885	9,179	33,852	88,722
$15,000 - 19,999	804,361	628,693	57,914	7,933	36,371	73,450
$20,000 - 24,999	797,665	647,709	47,137	6,875	40,598	55,346
$25,000 - 34,999	1,186,756	994,585	61,640	8,860	63,636	58,035
$35,000 - 49,999	798,340	687,593	35,220	4,680	47,500	23,347
$50,000 OR MORE	474,011	427,204	12,215	1,709	24,691	8,192

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 50

FAMILY INCOME BY ETHNIC ORIGIN
CALIFORNIA 1980

INCOME	TOTAL	HISPANIC ORIGIN	OTHER (THAN HISPANIC) ORIGIN
TOTAL	5,978,084	976,474	5,001,610
$ 0 - 4,999	378,242	96,354	281,888
$5,000 - 7,499	328,924	81,248	247,676
$7,500 - 9,999	393,026	91,083	301,943
$10,000 - 14,999	816,759	182,209	634,550
$15,000 - 19,999	804,361	157,321	647,040
$20,000 - 24,999	797,665	129,066	668,599
$25,000 - 34,999	1,186,756	146,996	1,039,760
$35,000 - 49,999	798,340	67,157	731,183
$50,000 OR MORE	474,011	25,040	448,971

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 51

HOUSEHOLD TYPE BY RACE/ETHNICITY
CALIFORNIA 1980

HOUSEHOLD TYPE	TOTAL	WHITE	BLACK	AMER IND ESK & ALEUT	ASIAN & PAC ISL	OTHER
TOTAL HOUSEHOLDS	8,644,633	7,012,406	635,625	75,532	385,584	535,486
MARRIED COUPLE W/ CHILDREN	2,397,163	1,823,008	141,956	23,576	155,733	252,890
MARRIED COUPLE W/O CHILDREN	2,435,399	2,143,743	103,975	15,572	91,898	80,211
MALE HOUSEHOLDER W/ CHILDREN	110,153	77,218	14,309	1,816	3,907	12,903
MALE HOUSEHOLDER W/O CHILDREN	152,192	107,446	13,601	1,335	11,636	18,174
FEMALE HOUSEHOLDER W/ CHILDREN	570,701	371,003	115,871	9,055	16,959	57,813
FEMALE HOUSEHOLDER W/O CHILDREN	312,476	230,746	41,271	3,279	15,449	21,731
NON-FAMILY HOUSEHOLD	2,666,549	2,259,242	204,642	20,899	90,002	91,764

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 52

HOUSEHOLD TYPE BY ETHNIC ORIGIN
CALIFORNIA 1980

HOUSEHOLD TYPE	TOTAL	PERSONS OF HISPANIC ORIGIN	PERSONS OF OTHER THAN HISPANIC ORIGIN
TOTAL HOUSEHOLDS	8,644,633	1,192,809	7,451,824
MARRIED COUPLE W/ CHILDREN	2,397,163	535,696	1,861,467
MARRIED COUPLE W/O CHILDREN	2,435,399	211,311	2,224,088
MALE HOUSEHOLDER W/ CHILDREN	110,153	25,392	84,761
MALE HOUSEHOLDER W/O CHILDREN	152,192	36,915	115,277
FEMALE HOUSEHOLDER W/ CHILDREN	570,701	118,151	452,550
FEMALE HOUSEHOLDER W/O CHILDREN	312,476	49,009	263,467
NON-FAMILY HOUSEHOLD	2,666,549	216,335	2,450,214

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 53

PRIMARY LANGUAGE SPOKEN AT HOME
AND ABILITY TO SPEAK ENGLISH
CALIFORNIA 1980

PRIMARY LANGUAGE	TOTAL	PERSONS 5 TO 17 YEARS	PERSONS 18 YEARS AND OLDER
TOTAL	21,969,725	4,685,403	17,284,322
ENGLISH	16,995,261	3,609,303	13,385,958
SPANISH	3,134,915	804,654	2,330,261
ENGLISH SPOKEN WELL	2,195,035	644,572	1,550,463
ENGLISH NOT SPOKEN WELL	939,880	160,082	779,798
OTHER LANGUAGE	1,839,549	271,446	1,568,103
ENGLISH SPOKEN WELL	1,525,398	226,469	1,298,929
ENGLISH NOT SPOKEN WELL	314,151	44,977	269,174

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 54

FELONS NEWLY COMMITTED FROM COUNTY SUPERIOR COURT
BY SEX

1984–1986

CALIFORNIA

FELONS	1984	1985	1986
TOTAL	21,575	25,585	29,256
MALE	20,044	23,638	26,928
FEMALE	1,531	1,947	2,328

SOURCE: CALIFORNIA DEPARTMENT OF CORRECTIONS

TABLE 55

FELONS PAROLED TO COUNTY
BY SEX

1984–1986

CALIFORNIA

FELONS	1984	1985	1986
TOTAL (A)	24,477	29,641	37,474
MALE	22,884	27,571	34,740
FEMALE	1,593	2,070	2,734

SOURCE: CALIFORNIA DEPARTMENT OF CORRECTIONS

(A) DATA REFLECTS COUNTY OF PAROLEE RESIDENCE.

TABLE 56

POPULATION OF PERSONS UNDER JURISDICTION OF
LOCAL CRIMINAL JUSTICE AGENCIES

1984–1986

CALIFORNIA

JURISDICTION	1984	1985	1986
TOTAL	325,098	348,874	348,565
ADULTS	245,388	261,502	278,253
HELD IN FACILITIES (A)	47,975	51,053	57,639
COUNTY JAILS	35,272	39,183	45,348
CITY JAILS	1,304	1,326	1,574
COUNTY AND CITY CAMPS	11,399	10,544	10,717
ACTIVE ADULT PROBATION CASELOAD (B)	197,413	210,449	220,614
SUPERIOR COURT	75,562	81,921	87,194
LOWER COURT	121,851	128,528	133,420
JUVENILES	79,710	87,372	70,312
HELD IN ADULT FACILITIES	72	86	70
HELD IN JUVENILE FACILITIES	8,252	8,474	8,598
ACTIVE JUVENILE PROBATION CASELOAD (B)	71,386	78,812	61,644

SOURCE: CRIMINAL JUSTICE PROFILE, CALIFORNIA DEPARTMENT OF JUSTICE, BUREAU OF CRIMINAL STATISTICS.

(A) PERSONS UNDER SUPERVISION, BOTH SENTENCED AND NOT SENTENCED, BASED ON ONE-DAY COUNT AS OF THE FOURTH THURSDAY IN SEPTEMBER

(B) PERSONS UNDER SUPERVISION, BASED ON A ONE-DAY COUNT AS OF DECEMBER 31. METHODOLOGY FOR JUVENILES HELD IN JUVENILE FACILITIES DIFFERS SLIGHTLY; FOR FURTHER INFORMATION, CONTACT SOURCE AGENCY.

TABLE 57

VETERANS BY PERIODS OF ACTIVE DUTY
BY SEX
MARCH 1985–1987
CALIFORNIA

PERIODS OF DUTY (A)	1985			1986			1987		
	TOTAL (B)	MALE	FEMALE	TOTAL (B)	MALE	FEMALE	TOTAL (B)	MALE	FEMALE
TOTAL (B).....	2,936,300	2,787,400	148,900	2,896,800	2,748,600	148,200	2,861,000	2,713,400	147,700
POST-VIETNAM ERA ...	176,000	154,000	22,000	194,400	170,600	23,800	204,700	179,700	25,000
VIETNAM ERA	918,700	886,000	32,700	908,300	876,200	32,100	906,300	874,200	32,000
KOREAN CONFLICT	509,700	493,800	15,900	501,800	486,100	15,700	493,900	478,400	15,500
WORLD WAR II	945,800	895,600	50,200	915,100	865,900	49,200	885,200	838,000	48,300
WORLD WAR I	23,200	22,000	1,200	19,200	18,200	1,000	15,900	15,000	900
OTHER	363,000	336,000	27,100	358,100	331,600	26,500	354,000	328,000	26,000

SOURCE: VETERANS ADMINISTRATION, MARCH 31, 1987.

(A) VETERANS ARE CLASSIFIED BY THE MOST RECENT PERIOD OF ACTIVE DUTY, EXCLUDING PEACE-TIME SERVICE.

(B) PARTS MAY NOT ADD TO TOTAL DUE TO INDEPENDENT ROUNDING.

TABLE 58 - EMPLOYMENT BY INDUSTRY
1985 ANNUAL AVERAGE AND 1995 PROJECTED EMPLOYMENT
CALIFORNIA

INDUSTRY TITLE	SIC	1985	1995	CHANGE	PERCENT CHANGE
TOTAL, ALL INDUSTRIES		10,964,900	14,172,150	3,207,250	29.3
MINING,TOTAL	10-14	50,510	44,710	-5,800	-11.5
METAL MINING,TOTAL	10	1,740	2,190	450	25.9
IRON ORES	101	450	500	50	11.1
GOLD AND SILVER ORES	104	800	1,080	280	35.0
FERROALLOY ORES, EXCEPT VANADIUM	106	440	500	60	13.6
METAL MINING SERVICES	108	50	110	60	120.0
OIL AND GAS EXTRACTION,TOTAL	13	41,690	35,600	-6,090	-14.6
CRUDE PETROLEUM AND NATURAL GAS	131	19,450	17,220	-2,230	-11.5
NATURAL GAS LIQUIDS	132	50	60	10	20.0
OIL AND GAS FIELD SERVICES	138	22,190	18,320	-3,870	-17.4
NONMETALLIC MINING AND QUARRYING,TOTAL	14	7,080	6,920	-160	-2.3
DIMENSION STONE	141	120	110	-10	-8.3
CRUSHED AND BROKEN STONE	142	930	880	-50	-5.4
SAND AND GRAVEL	144	3,860	3,650	-210	-5.4
CLAY AND RELATED MINERALS	145	90	120	30	33.3
CHEMICAL AND FERTILIZER MINERALS	147	1,310	1,300	-10	-0.8
MISCELLANEOUS NONMETALLIC MINERALS	149	770	860	90	11.7
CONSTRUCTION, TOTAL	15-17	482,260	575,020	92,760	19.2
GENERAL BUILDING CONTRACTORS,TOTAL	15	127,730	150,410	22,680	17.8
RESIDENTIAL BUILDING CONSTRUCTION	152	89,640	106,930	17,290	19.3
OPERATIVE BUILDING	153	8,060	10,330	2,270	28.2
NONRESIDENTIAL BUILDING CONSTRUCTION	154	30,030	33,150	3,120	10.4
GENERAL CONTRACTORS,EXC BLDG,TOTAL	16	67,410	78,610	11,200	16.6
HIGHWAY AND STREET CONSTRUCTION	161	22,840	25,540	2,700	11.8
HEAVY CONSTRUCTION, EXCEPT HIGHWAY	162	44,570	53,070	8,500	19.1
SPECIAL TRADE CONTRACTORS,TOTAL	17	287,120	346,000	58,880	20.5
PLUMBING, HEATING, AIR CONDITIONING	171	57,770	67,420	9,650	16.7
PAINTING, PAPER HANGING, DECORATING	172	18,350	22,640	4,290	23.4
ELECTRICAL WORK	173	49,440	56,030	6,590	13.3
MASONRY, STONEWORK, AND PLASTER	174	51,710	65,020	13,310	25.7
CARPENTERING AND FLOORING	175	23,030	29,520	6,490	28.2
ROOFING AND SHEET METAL WORK	176	20,050	24,770	4,720	23.5
CONCRETE WORK	177	22,870	28,740	5,870	25.7
WATER WELL DRILLING	178	1,320	1,410	90	6.8
MISCELLANEOUS SPECIAL TRADE CONTRACTORS	179	42,580	50,450	7,870	18.5
MANUFACTURING, TOTAL	20-39	2,089,380	2,493,520	404,140	19.3
DURABLE GOODS MANUFACTURING, TOTAL	24-25,32-39	1,451,820	1,762,770	310,950	21.4
LUMBER AND WOOD PRODUCTS,TOTAL	24	56,300	65,650	9,350	16.6
LOGGING CAMPS AND LOGGING CONTRACTORS	241	4,580	5,060	480	10.5
SAWMILLS AND PLANING MILLS	242	15,850	20,140	4,290	27.1
MILLWORK, PLYWOOD, AND STRUCTURAL MEMBERS	243	18,400	22,400	4,000	21.7
WOODEN CONTAINERS	244	3,880	4,450	570	14.7
WOOD BUILDING AND MOBILE HOMES	245	5,980	5,750	-230	-3.8
MISCELLANEOUS WOOD PRODUCTS	249	7,610	7,850	240	3.2
FURNITURE AND FIXTURES,TOTAL	25	59,410	73,800	14,390	24.2
HOUSEHOLD FURNITURE	251	33,920	40,000	6,080	17.9
OFFICE FURNITURE	252	9,600	10,990	1,390	14.5

TABLE 58 - EMPLOYMENT BY INDUSTRY
1985 ANNUAL AVERAGE AND 1995 PROJECTED EMPLOYMENT
CALIFORNIA

INDUSTRY TITLE	SIC	1985	1995	CHANGE	PERCENT CHANGE
PUBLIC BUILDING AND RELATED FURNITURE	253	1,930	4,220	2,290	118.7
PARTITIONS AND FIXTURES	254	8,280	10,700	2,420	29.2
MISCELLANEOUS FURNITURE AND FIXTURES	259	5,680	7,890	2,210	38.9
STONE,CLAY, AND GLASS TOTAL	32	50,960	59,750	8,790	17.2
FLAT GLASS	321	1,480	1,880	400	27.0
GLASS AND GLASSWARE, PRESSED OR BLOWN	322	8,490	9,140	650	7.7
PRODUCTS OF PURCHASED GLASS	323	5,200	6,080	880	16.9
CEMENT, HYDRAULIC	324	2,830	3,460	630	22.3
STRUCTURAL CLAY PRODUCTS	325	2,160	2,620	460	21.3
POTTERY AND RELATED PRODUCTS	326	4,210	5,470	1,260	29.9
CONCRETE, GYPSUM, AND PLASTER PRODUCTS	327	17,290	19,810	2,520	14.6
CUT STONE AND STONE PRODUCTS	328	620	1,070	450	72.6
MISCELLANEOUS NONMETALLIC MINERAL PRODUCTS	329	8,680	10,220	1,540	17.7
PRIMARY METAL INDUSTRIES, TOTAL	33	41,610	42,820	1,210	2.9
BLAST FURNACES AND BASIC STEEL PRODUCTS	331	7,830	7,000	-830	-10.6
IRON AND STEEL FOUNDRIES	332	6,420	6,650	230	3.6
PRIMARY NONFERROUS METALS	333	380	540	160	42.1
SECONDARY NONFERROUS METALS	334	1,510	1,230	-280	-18.5
NONFERROUS ROLLING AND DRAWING	335	13,400	13,550	150	1.1
NONFERROUS FOUNDRIES	336	9,830	11,900	2,070	21.1
MISCELLANEOUS PRIMARY METAL PRODUCTS	339	2,240	1,950	-290	-12.9
FABRICATED METAL PRODUCTS, TOTAL	34	147,250	155,120	7,870	5.3
CANS	341	8,430	9,300	870	10.3
CUTLERY, HAND TOOLS, AND HARDWARE	342	14,990	15,700	710	4.7
PLUMBING AND HEATING, EXCEPT ELECTRICAL	343	8,040	9,310	1,270	15.8
FABRICATED STRUCTURAL METAL PRODUCTS	344	46,860	47,200	340	0.7
SCREW MACHINE PRODUCTS, BOLTS, NUTS	345	13,110	13,800	690	5.3
METAL STAMPINGS	346	15,540	17,700	2,160	13.9
METAL SERVICES, N.E.C.	347	19,880	21,900	2,020	10.2
ORDNANCE & ACCESS., EX VEH. & GUIDED MISS	348	3,780	2,250	-1,530	-40.5
MISCELLANEOUS FABRICATED METAL PRODUCTS	349	16,620	17,960	1,340	8.1
MACHINERY,EX ELECTRICAL, TOTAL	35	230,970	321,330	90,360	39.1
ENGINES AND TURBINES	351	5,320	6,450	1,130	21.2
FARM AND GARDEN MACHINERY	352	4,400	7,180	2,780	63.2
CONSTRUCTION AND RELATED MACHINERY	353	13,500	21,270	7,770	57.6
METALWORKING MACHINERY	354	18,240	21,450	3,210	17.6
SPECIAL INDUSTRY MACHINERY	355	13,630	17,810	4,180	30.7
GENERAL INDUSTRIAL MACHINERY	356	19,650	25,070	5,420	27.6
OFFICE, COMPUTING MACHINERY	357	109,620	164,230	54,610	49.8
REFRIGERATION AND SERVICE MACHINERY	358	9,160	12,420	3,260	35.6
MISCELLANEOUS MACHINERY, EXCEPT ELECTRICAL	359	37,450	45,450	8,000	21.4
ELEC. MACH.,EQUIPMNT, & SUPP,TOTAL	36	420,550	498,280	77,730	18.5
ELECTRIC DISTRIBUTING EQUIPMENT	361	11,700	11,970	270	2.3
ELECTRICAL INDUSTRIAL APPARATUS	362	14,070	16,140	2,070	14.7
HOUSEHOLD APPLIANCES	363	3,980	3,530	-450	-11.3
ELECTRIC LIGHTING AND WIRING EQUIPMENT	364	22,480	29,800	7,320	32.6
RADIO AND TV RECEIVING EQUIPMENT	365	13,210	12,000	-1,210	-9.2
COMMUNICATION EQUIPMENT	366	180,940	225,000	44,060	24.4
ELECTRONIC COMPONENTS AND ACCESSORIES	367	165,140	190,110	24,970	15.1
MISC. ELECTRICAL EQUIPMENT AND SUPPLIES	369	9,030	9,730	700	7.8
TRANSP. EQUIP. TOTAL	37	295,980	340,710	44,730	15.1
MOTOR VEHICLES AND EQUIPMENT	371	34,410	33,800	-610	-1.8
AIRCRAFT AND PARTS	372	154,200	181,100	26,900	17.4
SHIP AND BOAT BUILDING AND REPAIRING	373	17,640	17,700	60	0.3
RAILROAD EQUIPMENT	374	130	150	20	15.4
MOTORCYCLES, BICYCLES, AND PARTS	375	1,390	1,410	20	1.4
GUIDED MISSILES, SPACE VEHICLES	376	78,260	95,110	16,850	21.5
MISCELLANEOUS TRANSPORTATION EQUIPMENT	379	9,950	11,440	1,490	15.0
PROFESSIONAL,SCIENT INSTR, TOTAL	38	113,310	161,710	48,400	42.7
ENGINEERING AND SCIENTIFIC INSTRUMENTS	381	7,960	10,120	2,160	27.1

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INDUSTRY TITLE	SIC	1985	1995	CHANGE	PERCENT CHANGE
MECHANICAL MEASURING AND CONTROLLING	382	52,870	75,000	22,130	41.9
OPTICAL INSTRUMENTS AND LENSES	383	10,950	15,000	4,050	37.0
MEDICAL INSTRUMENTS AND SUPPLIES	384	30,680	49,390	18,710	61.0
OPHTHALMIC GOODS	385	4,780	6,180	1,400	29.3
PHOTOGRAPHIC EQUIPMENT & SUPPLIES	386	5,620	5,470	-150	-2.7
WATCHES, CLOCKS, & WATCHCASES	387	450	550	100	22.2
MISC MFG IND, TOTAL	39	35,480	43,600	8,120	22.9
JEWELRY, SILVERWARE, AND PLATED WARE	391	4,120	3,900	-220	-5.3
MUSICAL INSTRUMENTS	393	1,320	1,520	200	15.2
TOYS AND SPORTING GOODS	394	12,970	16,900	3,930	30.3
PENS, PENCILS, AND OFFICE AND ART SUPPLIES	395	3,940	4,590	650	16.5
COSTUME JEWELRY AND NOTIONS	396	2,400	3,530	1,130	47.1
MISCELLANEOUS MANUFACTURES	399	10,730	13,160	2,430	22.6
NONDURABLE GOODS MANUFACTURING, TOTAL	20-23,26-31	637,560	730,750	93,190	14.6
FOOD & KINDRED PROD, TOTAL	20	170,610	185,920	15,310	9.0
MEAT PRODUCTS	201	17,470	19,700	2,230	12.8
DAIRY PRODUCTS	202	12,620	13,800	1,180	9.4
PRESERVED FRUITS AND VEGETABLES	203	51,810	54,210	2,400	4.6
GRAIN MILL PRODUCTS	204	7,990	8,690	700	8.8
BAKERY PRODUCTS	205	19,770	21,100	1,330	6.7
SUGAR AND CONFECTIONERY PRODUCTS	206	9,130	9,840	710	7.8
FATS AND OILS	207	3,840	3,840	0	0.0
BEVERAGES	208	25,850	30,900	5,050	19.5
MISCELLANEOUS FOODS AND KINDRED PRODUCTS	209	22,130	23,840	1,710	7.7
TEXTILE MILL PRODUCTS;TOTAL	22	13,690	16,800	3,110	22.7
WEAVING MILLS, COTTON	221	210	440	230	109.5
WEAVING MILLS, SYNTHETIC FIBERS	222	400	530	130	32.5
WEAVING AND FINISHING MILLS, WOOL	223	90	90	0	0.0
NARROW FABRICS MILLS	224	230	290	60	26.1
KNITTING MILLS	225	3,580	4,400	820	22.9
TEXTILE FINISHING, EXCEPT WOOL	226	1,250	1,880	630	50.4
FLOOR COVERING MILLS	227	3,960	4,510	550	13.9
YARN AND THREAD MILLS	228	1,730	2,160	430	24.9
MISCELLANEOUS TEXTILE GOODS	229	2,240	2,500	260	11.6
APPAREL & TEXTILE PRODUCTS, TOTAL	23	107,520	122,150	14,630	13.6
MEN'S AND BOYS' SUITS AND COATS	231	1,040	1,140	100	9.6
MEN'S AND BOYS' FURNISHINGS	232	9,590	10,310	720	7.5
WOMEN'S AND MISSES' OUTERWEAR	233	69,850	81,900	12,050	17.3
WOMEN'S AND CHILDREN'S UNDERGARMENTS	234	3,740	4,100	360	9.6
HATS, CAPS, AND MILLINERY	235	560	590	30	5.4
CHILDREN'S OUTERWEAR	236	2,040	2,290	250	12.3
FUR GOODS	237	80	90	10	12.5
MISCELLANEOUS APPAREL AND ACCESSORIES	238	2,970	2,970	0	0.0
MISCELLANEOUS FABRICATED TEXTILE PRODUCTS	239	17,650	18,760	1,110	6.3
PAPER & ALLIED PRODUCTS, TOTAL	26	40,120	42,810	2,690	6.7
PULP MILLS	261	320	390	70	21.9
PAPER MILLS, EXCEPT BUILDING PAPER	262	3,840	4,130	290	7.6
PAPERBOARD MILLS	263	1,150	1,130	-20	-1.7
MISCELLANEOUS CONVERTED PAPER PRODUCTS	264	16,160	17,400	1,240	7.7
PAPERBOARD CONTAINERS AND BOXES	265	17,780	18,900	1,120	6.3
BUILDING PAPER AND BOARD MILLS	266	870	860	-10	-1.1
PRINTING & PUBLISHING INDUSTRIES, TOTAL	27	139,380	175,260	35,880	25.7
NEWSPAPERS	271	47,720	60,190	12,470	26.1
PERIODICALS	272	8,750	10,250	1,500	17.1
BOOKS	273	6,550	8,080	1,530	23.4
MISCELLANEOUS PUBLISHING	274	7,460	9,320	1,860	24.9
COMMERCIAL PRINTING	275	54,280	70,550	16,270	30.0
MANIFOLD BUSINESS FORMS	276	3,930	4,120	190	4.8
GREETING CARD PUBLISHING	277	380	400	20	5.3

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BLANKBOOKS AND BOOKBINDING	278	6,030	6,640	610	10.1
PRINTING TRADE SERVICES	279	4,280	5,710	1,430	33.4
CHEMICALS & ALLIED PRODUCTS, TOTAL	28	63,790	72,800	9,010	14.1
INDUSTRIAL INORGANIC CHEMICALS	281	7,410	8,710	1,300	17.5
PLASTICS MATERIALS AND SYNTHETICS	282	3,260	3,630	370	11.3
DRUGS	283	18,660	24,840	6,180	33.1
SOAP, CLEANERS, AND TOILET GOODS	284	12,480	13,570	1,090	8.7
PAINTS AND ALLIED PRODUCTS	285	7,610	7,140	-470	-6.2
INDUSTRIAL ORGANIC CHEMICALS	286	3,480	3,740	260	7.5
AGRICULTURAL CHEMICALS	287	3,570	2,670	-900	-25.2
MISCELLANEOUS CHEMICAL PRODUCTS	289	7,320	8,500	1,180	16.1
PETROLEUM & COAL PRODUCTS, TOTAL	29	29,130	29,200	70	0.2
PETROLEUM REFINING	291	25,860	25,500	-360	-1.4
PAVING AND ROOFING MATERIALS	295	2,580	2,920	340	13.2
MISCELLANEOUS PETROLEUM AND COAL PRODUCTS	299	690	780	90	13.0
RUBBER & MISC PLASTICS PRODUCTS, TOTAL	30	65,590	78,300	12,710	19.4
TIRES AND INNER TUBES	301	1,210	1,100	-110	-9.1
RUBBER AND PLASTICS FOOTWEAR	302	1,000	1,240	240	24.0
RECLAIMED RUBBER	303	80	120	40	50.0
RUBBER AND PLASTICS HOSE AND BELTING	304	810	1,180	370	45.7
FABRICATED RUBBER PRODUCTS, N.E.C.	306	8,990	8,860	-130	-1.4
MISCELLANEOUS PLASTICS PRODUCTS	307	53,500	65,800	12,300	23.0
LEATHER AND LEATHER PRODUCTS, TOTAL	31	7,730	7,510	-220	-2.8
LEATHER TANNING AND FINISHING	311	610	640	30	4.9
BOOT AND SHOE CUT STOCK AND FINDINGS	313	160	110	-50	-31.3
FOOTWEAR, EXCEPT RUBBER	314	3,200	2,830	-370	-11.6
LEATHER GLOVES AND MITTENS	315	40	80	40	100.0
LUGGAGE	316	970	1,200	230	23.7
HANDBAGS AND PERSONAL LEATHER GOODS	317	1,240	1,250	10	0.8
LEATHER GOODS, N.E.C.	319	1,510	1,400	-110	-7.3
TRANSPORTATION, COMMUNICATIONS,& UTILITIES	40-49	565,010	681,120	116,110	20.6
TRANSPORTATION, TOTAL	40	316,630	399,610	82,980	26.2
RAILROAD TRANSPORTATION, TOTAL	401	23,710	19,900	-3,810	-16.1
LOCAL & INTERURBAN TRANSIT, TOTAL	41	26,660	34,010	7,350	27.6
LOCAL AND SUBURBAN TRANSPORTATION	411	11,390	15,050	3,660	32.1
TAXICABS	412	3,550	4,270	720	20.3
INTERCITY HIGHWAY TRANSPORTATION	413	3,620	3,870	250	6.9
TRANSPORTATION CHARTER SERVICE	414	2,740	2,790	50	1.8
SCHOOL BUSES	415	5,340	8,000	2,660	49.8
BUS TERMINAL AND SERVICE FACILITIES	417	20	30	10	50.0
TRUCKING & WAREHOUSING, TOTAL	42	129,290	169,810	40,520	31.3
TRUCKING, LOCAL AND LONG DISTANCE	421	120,110	154,590	34,480	28.7
PUBLIC WAREHOUSING	422	8,950	15,020	6,070	67.8
TRUCKING TERMINAL FACILITIES	423	230	200	-30	-13.0
WATER TRANSPORTATION, TOTAL	44	20,630	22,990	2,360	11.4
DEEP SEA FOREIGN TRANSPORTATION	441	5,000	4,720	-280	-5.6
DEEP SEA DOMESTIC TRANSPORTATION	442	890	1,410	520	58.4
LOCAL WATER TRANSPORTATION	445	1,740	2,740	1,000	57.5
WATER TRANSPORTATION SERVICES	446	13,000	14,120	1,120	8.6
AIR TRANSPORTATION, TOTAL	45	68,390	81,700	13,310	19.5
CERTIFICATED AIR TRANSPORTATION	451	57,530	67,070	9,540	16.6
NONCERTIFICATED AIR TRANSPORATION	452	3,590	4,770	1,180	32.9
AIR TRANSPORTATION SERVICES	458	7,270	9,860	2,590	35.6

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PIPE LINES, EXCEPT NATURAL GAS, TOTAL	461	1,100	1,900	800	72.7
TRANSPORTATION SERVICES, TOTAL	47	46,850	69,300	22,450	47.9
FREIGHT FORWARDING	471	10,530	14,640	4,110	39.0
ARRANGEMENT OF TRANSPORTATION	472	34,950	53,100	18,150	51.9
RENTAL OF RAILROAD CARS	474	370	280	-90	-24.3
MISCELLANEOUS TRANSPORTATION SERVICES	478	1,000	1,280	280	28.0
COMMUNICATIONS AND UTILITIES, TOTAL	48-49	248,380	281,510	33,130	13.3
COMMUNICATIONS, TOTAL	48	167,700	185,800	18,100	10.8
TELEPHONE COMMUNICATION	481	117,450	131,510	14,060	12.0
TELEGRAPH COMMUNICATION	482	1,520	1,700	180	11.8
RADIO AND TELEVISION BROADCASTING	483	27,600	31,630	4,030	14.6
COMMUNICATION SERVICES, N.E.C.	489	21,130	20,960	-170	-0.8
UTILITIES AND SANITARY SERVICES, TOTAL	49	80,680	95,710	15,030	18.6
ELECTRIC COMPANIES AND SYSTEMS	491	18,170	23,070	4,900	27.0
GAS COMPANIES AND SYSTEMS	492	11,380	13,740	2,360	20.7
COMBINATION COMPANIES AND SYSTEMS	493	34,490	38,580	4,090	11.9
WATER SUPPLY	494	2,960	3,120	160	5.4
SANITARY SERVICES	495	12,960	16,210	3,250	25.1
STEAM SUPPLY	496	230	370	140	60.9
IRRIGATION SYSTEMS	497	490	620	130	26.5
WHOLESALE AND RETAIL TRADE, TOTAL	50-59	2,615,310	3,451,090	835,780	32.0
WHOLESALE TRADE, TOTAL	50-51	670,320	880,050	209,730	31.3
WHOLESALE TRADE, DURABLE GOODS, TOTAL	50	401,930	529,010	127,080	31.6
MOTOR VEHICLES AND AUTO PARTS AND SUPPLIES	501	45,100	54,530	9,430	20.9
FURNITURE AND HOME FURNISHINGS	502	18,940	23,630	4,690	24.8
LUMBER AND OTHER CONSTRUCTION MATERIALS	503	26,850	31,320	4,470	16.6
SPORTING,TOY,PHOTO.& HOBBY GDS & SUPPLIES	504	12,630	13,770	1,140	9.0
METALS AND MINERALS, EXCEPT PETROLEUM	505	12,970	15,520	2,550	19.7
ELECTRICAL GOODS	506	69,530	98,780	29,250	42.1
HARDWARE, PLUMBING, AND HEATING SUPPLIES	507	27,620	38,820	11,200	40.6
MACHINERY, EQUIPMENT, AND SUPPLIES	508	156,870	213,200	56,330	35.9
MISCELLANEOUS DURABLE GOODS	509	31,420	39,440	8,020	25.5
WHOLESALE TRADE, NONDURABLE GOODS, TOTAL	51	268,390	351,040	82,650	30.8
PAPER & PAPER PRODUCTS	511	23,500	33,120	9,620	40.9
DRUGS, PROPRIETARIES, AND SUNDRIES	512	20,130	21,200	1,070	5.3
APPAREL, PIECE GOODS, AND NOTIONS	513	24,350	38,480	14,130	58.0
GROCERIES AND RELATED PRODUCTS	514	85,980	116,110	30,130	35.0
FARM-PRODUCT RAW MATERIALS	515	8,110	7,960	-150	-1.8
CHEMICALS AND ALLIED PRODUCTS	516	11,890	13,500	1,610	13.5
PETROLEUM AND PETROLEUM PRODUCTS	517	16,520	19,770	3,250	19.7
BEER, WINE, & DISTILLED ALCHOLIC BEVERAGES	518	18,220	19,700	1,480	8.1
MISCELLANEOUS NONDURABLE GOODS	519	59,690	81,200	21,510	36.0
RETAIL TRADE, TOTAL	52-59	1,944,990	2,571,040	626,050	32.2
BLDG. MAT.,GARDEN SUP.,MOBILE HOMES, TOTAL	52	71,250	101,010	29,760	41.8
LUMBER AND OTHER BLDG. MATERIALS DEALERS	521	32,330	49,950	17,620	54.5
PAINT, GLASS, AND WALLPAPER STORES	523	9,010	12,640	3,630	40.3
HARDWARE STORES	525	20,650	26,420	5,770	27.9
RETAIL NURSERIES, LAWN AND GARDEN SUPPLIES	526	7,710	10,600	2,890	37.5
MOBILE HOME DEALERS	527	1,550	1,400	-150	-9.7
RETAIL TRADE, GENERAL MERCHANDISE, TOTAL	53	240,130	301,000	60,870	25.3
DEPARTMENT STORES	531	213,360	268,400	55,040	25.8
VARIETY STORES	533	10,970	13,810	2,840	25.9

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MISCELLANEOUS GENERAL MERCHANDISE STORES	539	15,800	18,790	2,990	18.9
FOOD STORES, TOTAL	54	273,700	365,010	91,310	33.4
GROCERY STORES	541	225,130	302,430	77,300	34.3
MEAT AND FISH (SEAFOOD) MARKETS	542	6,960	8,400	1,440	20.7
FRUIT STORES AND VEGETABLE MARKETS	543	2,940	6,700	3,760	127.9
CANDY, NUT, AND CONFECTIONERY STORES	544	3,820	6,860	3,040	79.6
DAIRY PRODUCTS STORES	545	4,260	4,120	-140	-3.3
RETAIL BAKERIES	546	21,790	27,380	5,590	25.7
MISCELLANEOUS FOOD STORES	549	8,800	9,120	320	3.6
AUTOMOBILE & RECREATIONAL VEHICLES, TOTAL	55	208,670	245,000	36,330	17.4
MOTOR VEHICLE DEALERS (NEW & USED)	551	93,040	114,920	21,880	23.5
MOTOR VEHICLE DEALERS (USED ONLY)	552	4,960	6,440	1,480	29.8
AUTO AND HOME SUPPLY STORES	553	36,620	42,060	5,440	14.9
GASOLINE SERVICE STATIONS	554	62,670	67,470	4,800	7.7
BOAT DEALERS	555	2,030	2,690	660	32.5
RECREATIONAL AND UTILITY TRAILER DEALERS	556	3,270	4,780	1,510	46.2
MOTORCYCLE DEALERS	557	4,880	5,110	230	4.7
AUTOMOTIVE DEALERS, N.E.C.	559	1,200	1,530	330	27.5
APPAREL AND ACCESSORIES STORES, TOTAL	56	118,230	148,000	29,770	25.2
MEN'S AND BOYS' CLOTHING AND FURNISHINGS	561	10,930	9,230	-1,700	-15.6
WOMEN'S READY-TO-WEAR STORES	562	43,090	46,170	3,080	7.1
WOMEN'S ACCESSORY AND SPECIALTY STORES	563	2,840	3,960	1,120	39.4
CHILDREN'S AND INFANTS' WEAR STORES	564	4,490	6,400	1,910	42.5
FAMILY CLOTHING STORES	565	28,550	43,270	14,720	51.6
SHOE STORES	566	22,270	30,650	8,380	37.6
FURRIERS AND FUR SHOPS	568	450	580	130	28.9
MISCELLANEOUS APPAREL AND ACCESSORIES	569	5,610	7,740	2,130	38.0
FURNITURE & HOME FURNISHINGS STORES, TOTAL	57	89,730	121,000	31,270	34.8
FURNITURE & HOME FURNISHINGS, EXC. APPL.	571	48,300	62,190	13,890	28.8
HOUSEHOLD APPLIANCE STORES	572	7,390	8,850	1,460	19.8
RADIO, TELEVISION, AND MUSIC STORES	573	34,040	49,960	15,920	46.8
EATING AND DRINKING PLACES, TOTAL	581	698,360	964,000	265,640	38.0
MISCELLANEOUS RETAIL STORES, TOTAL	59	244,920	326,020	81,100	33.1
DRUG STORES & PROPRIETARY STORES	591	51,670	57,100	5,430	10.5
LIQUOR STORES	592	20,290	16,350	-3,940	-19.4
USED MERCHANDISE STORES	593	12,370	17,480	5,110	41.3
MISCELLANEOUS SHOPPING GOODS STORES	594	91,250	134,990	43,740	47.9
NONSTORE RETAILERS	596	19,420	21,910	2,490	12.8
FUEL AND ICE DEALERS	598	2,820	3,950	1,130	40.1
RETAIL STORES, N.E.C.	599	47,100	74,240	27,140	57.6
FINANCE, INSURANCE, AND REAL ESTATE, TOTAL	60-67	730,140	958,210	228,070	31.2
BANKING, TOTAL	60	194,730	235,800	41,070	21.1
FEDERAL RESERVE BANKS	601	1,850	2,230	380	20.5
COMMERCIAL AND STOCK SAVINGS BANKS	602	186,010	223,300	37,290	20.0
FUNCTIONS CLOSELY RELATED TO BANKING	605	6,870	10,270	3,400	49.5
CREDIT AGENCIES OTHER THAN BANKS, TOTAL	61	128,660	186,400	57,740	44.9
SAVINGS AND LOAN ASSOCIATIONS	612	69,960	107,050	37,090	53.0
AGRICULTURAL CREDIT INSTITUTIONS	613	1,140	1,280	140	12.3
PERSONAL CREDIT INSTITUTIONS	614	23,160	33,430	10,270	44.3
BUSINESS CREDIT INSTITUTIONS	615	5,920	8,820	2,900	49.0
MORTGAGE BANKERS AND BROKERS	616	28,480	35,810	7,330	25.7
SECURITY & COMMODITY BROKERS,DEALERS,TOTAL	62	33,500	43,800	10,300	30.7
SECURITY BROKERS AND DEALERS	621	27,010	34,620	7,610	28.2
COMMODITY CONTRACTS BROKERS AND DEALERS	622	720	890	170	23.6
SECURITY AND COMMODITY EXCHANGES	623	700	820	120	17.1
SECURITY AND COMMODITY SERVICES	628	5,070	7,470	2,400	47.3

TABLE 58 - EMPLOYMENT BY INDUSTRY
1985 ANNUAL AVERAGE AND 1995 PROJECTED EMPLOYMENT
CALIFORNIA

INDUSTRY TITLE	SIC	1985	1995	CHANGE	PERCENT CHANGE
INSURANCE CARRIERS, TOTAL	63	121,590	148,000	26,410	21.7
LIFE INSURANCE	631	33,550	37,000	3,450	10.3
MEDICAL SERVICE AND HEALTH INSURANCE	632	14,730	20,830	6,100	41.4
FIRE, MARINE, AND CASUALTY INSURANCE	633	54,230	67,010	12,780	23.6
SURETY INSURANCE	635	350	470	120	34.3
TITLE INSURANCE	636	14,710	17,510	2,800	19.0
PENSION, HEALTH, AND WELFARE FUNDS	637	4,000	5,120	1,120	28.0
INSURANCE CARRIERS, N.E.C.	639	20	60	40	200.0
INSURANCE AGENTS,BROKERS,& SERVICES, TOTAL	641	71,150	102,000	30,850	43.4
REAL ESTATE, TOTAL	65	160,410	218,010	57,600	35.9
REAL ESTATE OPERATORS AND LESSORS	651	60,820	76,110	15,290	25.1
REAL ESTATE AGENTS AND MANAGERS	653	74,770	108,100	33,330	44.6
TITLE ABSTRACT OFFICES	654	4,500	6,490	1,990	44.2
SUBDIVIDERS AND DEVELOPERS	655	20,320	27,310	6,990	34.4
COMB. R/E, INSURANCE, LOAN, LAW OFF.,TOTAL	661	700	400	-300	-42.9
HOLDING & OTHER INVESTMENT OFFICES,TOTAL	67	19,400	23,800	4,400	22.7
HOLDING OFFICES	671	5,420	6,280	860	15.9
INVESTMENT OFFICES	672	380	250	-130	-34.2
TRUSTS	673	6,200	7,930	1,730	27.9
MISCELLANEOUS INVESTING	679	7,400	9,340	1,940	26.2
SERVICES, TOTAL	70-89,07	2,637,760	3,876,850	1,239,090	47.0
HOTELS & OTHER LODGING PLACES, TOTAL	70	143,100	221,000	77,900	54.4
HOTELS, MOTELS, AND TOURIST COURTS	701	137,490	215,360	77,870	56.6
ROOMING AND BOARDING HOUSES	702	1,580	1,000	-580	-36.7
CAMPS AND TRAILERING PARKS	703	3,460	3,880	420	12.1
ORGANIZATION HOTELS AND LODGING HOUSES	704	570	760	190	33.3
PERSONAL SERVICES, TOTAL	72	118,590	150,010	31,420	26.5
LAUNDRY, CLEANING, AND GARMENT SERVICES	721	41,830	49,100	7,270	17.4
PHOTOGRAPHIC STUDIOS, PORTRAIT	722	6,320	8,300	1,980	31.3
BEAUTY SHOPS	723	36,510	43,670	7,160	19.6
BARBER SHOPS	724	2,780	2,180	-600	-21.6
SHOE REPAIR,SHOE SHINE,HAT CLEANING SHOPS	725	1,060	1,120	60	5.7
FUNERAL SERVICE AND CREMATORIES	726	5,000	5,570	570	11.4
MISCELLANEOUS PERSONAL SERVICES	729	25,090	40,070	14,980	59.7
BUSINESS SERVICES, TOTAL	73	639,840	1,069,040	429,200	67.1
ADVERTISING	731	22,600	34,530	11,930	52.8
CONSUMER CREDIT REPORTING AND COLLECTION	732	11,000	13,050	2,050	18.6
MAILING,REPRO.,COMM.ART,& STENO. SERVICES	733	27,780	46,560	18,780	67.6
SERVICES TO DWELLINGS AND OTHER BUILDINGS	734	66,520	98,720	32,200	48.4
NEWS SYNDICATES	735	560	770	210	37.5
PERSONNEL SUPPLY SERVICES	736	147,760	262,280	114,520	77.5
COMPUTER AND DATA PROCESSING SERVICES	737	73,570	141,380	67,810	92.2
MISCELLANEOUS BUSINESS SERVICES	739	290,050	471,750	181,700	62.6
AUTOMOBILE REPAIR,SERVICES,GARAGES, TOTAL	75	107,350	154,780	47,430	44.2
AUTOMOBILE RENTALS, LEASING, W/O DRIVERS	751	19,420	29,270	9,850	50.7
AUTOMOBILE PARKING	752	7,940	11,980	4,040	50.9
AUTOMOBILE REPAIR SHOPS	753	64,640	90,650	26,010	40.2
AUTOMOBILE SERVICES, EXCEPT REPAIR	754	15,350	22,880	7,530	49.1
MISC REPAIR SERVICES, TOTAL	76	55,910	74,240	18,330	32.8
ELECTRICAL REPAIR SHOPS	762	22,150	29,290	7,140	32.2
WATCH, CLOCK, AND JEWELRY REPAIR	763	1,200	1,340	140	11.7
REUPHOLSTERY AND FURNITURE REPAIR	764	3,590	3,760	170	4.7
MISC. REPAIR SHOPS AND RELATED SERVICES	769	8,970	39,650	10,880	37.6
MOTION PICTURES, TOTAL	78	76,480	91,720	15,240	19.9

TABLE 58 - EMPLOYMENT BY INDUSTRY
1985 ANNUAL AVERAGE AND 1995 PROJECTED EMPLOYMENT
CALIFORNIA

INDUSTRY TITLE	SIC	1985	1995	CHANGE	PERCENT CHANGE
MOTION PICTURE PRODUCTION AND SERVICES	781	57,400	71,060	13,660	23.8
MOTION PICTURE DISTRIBUTION AND SERVICES	782	2,900	3,250	350	12.1
MOTION PICTURE THEATERS	783	16,180	17,410	1,230	7.6
AMUSE & REC.,EXC MOTION PIC. TOTAL	79	110,490	156,020	45,530	41.2
DANCE HALLS, STUDIOS, AND SCHOOLS	791	2,410	3,380	970	40.2
THEATRICAL PRODUCERS,BANDS,ENTERTAINERS	792	22,070	32,880	10,810	49.0
BOWLING ALLEYS AND BILLIARD AND POOL ESTAB	793	9,550	8,990	-560	-5.9
COMMERCIAL SPORTS	794	9,020	12,590	3,570	39.6
MISC. AMUSEMENT AND RECREATION SERVICES	799	67,440	98,180	30,740	45.6
HEALTH SERVICES, TOTAL	80	646,290	900,020	253,730	39.3
OFFICES OF PHYSICIANS	801	113,160	146,170	33,010	29.2
OFFICES OF DENTISTS	802	60,670	86,190	25,520	42.1
OFFICES OF OSTEOPATHIC PHYSICIANS	803	480	890	410	85.4
OFFICES OF OTHER HEALTH PRACTITIONERS	804	24,950	42,240	17,290	69.3
NURSING AND PERSONAL CARE FACILITIES	805	101,230	139,240	38,010	37.5
HOSPITALS	806	269,280	365,080	95,800	35.6
MEDICAL AND DENTAL LABORATORIES	807	20,050	23,680	3,630	18.1
OUTPATIENT CARE FACILITIES	808	47,220	80,430	33,210	70.3
HEALTH AND ALLIED SERVICES, N.E.C.	809	9,250	16,100	6,850	74.1
LEGAL SERVICES, TOTAL	811	92,340	163,200	70,860	76.7
EDUCATIONAL SERVICES, TOTAL	82	148,620	196,180	47,560	32.0
ELEMENTARY AND SECONDARY SCHOOLS	821	37,390	55,840	18,450	49.3
COLLEGES AND UNIVERSITIES	822	89,450	109,050	19,600	21.9
LIBRARIES AND OTHER SCHOOLS AND SERVICES	823	21,780	31,290	9,510	43.7
SOCIAL SERVICES, TOTAL	83	125,770	188,350	62,580	49.8
INDIVIDUAL AND FAMILY SOCIAL SERVICES	832	22,410	33,260	10,850	48.4
JOB TRAINING AND VOCATIONAL REHAB SERVICES	833	18,000	27,110	9,110	50.6
CHILD DAY CARE SERVICES	835	28,590	47,160	18,570	65.0
RESIDENTIAL CARE	836	27,700	42,820	15,120	54.6
SOCIAL SERVICES, N.E.C.	839	29,070	38,000	8,930	30.7
MUSEUMS,ART GALLERIES, & ZOOS, TOTAL	84	4,210	6,330	2,120	50.4
MUSEUMS AND ART GALLERIES	841	2,750	4,160	1,410	51.3
ARBORETA, BOTANICAL, ZOOLOGICAL GARDENS	842	1,460	2,170	710	48.6
MEMBERSHIP ORGANIZATIONS, TOTAL	86	140,910	159,360	18,450	13.1
BUSINESS ASSOCIATIONS	861	9,760	10,780	1,020	10.5
PROFESSIONAL MEMBERSHIP ORGANIZATIONS	862	3,290	3,950	660	20.1
LABOR UNIONS & SIMILAR LABOR ORGANIZATIONS	863	13,440	16,270	2,830	21.1
CIVIC, SOCIAL, AND FRATERNAL ASSOCIATIONS	864	33,940	46,030	12,090	35.6
POLITICAL ORGANIZATIONS	865	300	610	310	103.3
RELIGIOUS ORGANIZATIONS	866	68,860	70,610	1,750	2.5
MEMBERSHIP ORGANIZATIONS, N.E.C.	869	11,320	11,110	-210	-1.9
MISCELLANEOUS SERVICES, TOTAL	89	227,860	346,600	118,740	52.1
ENGINEERING,ARCHITECT.,SURVEYING SERVICES	891	94,980	142,580	47,600	50.1
NONCOMMERCIAL EDUC.,SCIENT.,RESEARCH ORGAN	892	14,910	22,010	7,100	47.6
ACCOUNTING,AUDITING,& BOOKKEEPING SERVICES	893	60,290	97,020	36,730	60.9
AGRICULTURAL SERVICES	074,075,078	52,400	78,400	26,000	49.6
SERVICES, N.E.C.	899	5,280	6,590	1,310	24.8
GOVERNMENT, TOTAL		1,794,530	2,091,630	297,100	16.6
FEDERAL GOVERNMENT		343,530	356,500	12,970	3.8
STATE GOVERNMENT		324,950	384,300	59,350	18.3
LOCAL GOVERNMENT		1,126,050	1,350,830	224,780	20.0

GLOSSARY OF TERMS AND CONCEPTS

AGRICULTURAL WAGE AND SALARY EMPLOYMENT: Includes all full-time and part-time employees of all classes (including employees on paid vacation or sick leave) who work in or receive compensation from agricultural establishments for any part of the pay period including the 12th of the month.

AID TO FAMILIES WITH DEPENDENT CHILDREN (AFDC): See Public Assistance Recipient.

ASIAN AND PACIFIC ISLANDER: A racial classification for any person having origins from Japan, China, the Philippines, Korea, India, Southeast Asia, Hawaii, Guam, or Samoa.

BLACK: A racial classification for any person with origins in any of the Black racial groups of Africa.

CIVILIAN EMPLOYMENT: Comprises civilian workers 16 years and over (a) who, during the survey week, did any work at all as paid employees, or in their own business or profession or on their own farm, or who worked 15 hours or more as unpaid workers in a family enterprise; and (b) who were not working but who had jobs or businesses from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, personal reasons, whether or not they were paid for the time off.

CIVILIAN LABOR FORCE: The sum of civilian employment and unemployment.

CURRENT POPULATION SURVEY: Monthly labor statistics (estimates of labor force, civilian employment, unemployment and unemployment rate) for the State of California are derived from data developed through the national Current Population Survey (CPS). The CPS is conducted by the Bureau of the Census for the Bureau of Labor Statistics (BLS) of the U.S. Department of Labor.

As of April 1988, after the CPS sample was reduced, the CPS is a monthly nationwide sample of about 54,800 households. Occupants of selected households are interviewed during the week including the 12th day of the month. On the basis of their replies, the national labor statistics are generated monthly. About 3,080 households of the national survey are interviewed in California every month. As of April 1988, this reduced sample size is not large enough to generate monthly data of statistical reliability for substate areas.

DEMAND: Job openings in an occupation, due to new jobs and replacement of workers leaving the occupation.

ECONOMICALLY DISADVANTAGED: Persons whose income or whose family income was below the Federal Poverty Guideline—$8,700 for a non-farm family of four in 1979 and/or below 70 percent of the Lower Living Standard Income Level, which varies by county of residence. The Federal Poverty Guideline is released by the Office of Management and Budget (OMB) and differs from the Bureau of Census' definition of poverty. (See Poverty definition).

ENTRY-LEVEL JOB: Those jobs for which employers hire workers with little or no related work experience. For some entry-level jobs, employers may require a specified minimum amount of education and/or training.

FOOD STAMP RECIPIENT: See Public Assistance Recipient.

GENERAL HOME RELIEF: See Public Assistance Recipient.

HISPANIC/SPANISH ORIGIN: An ethnic classification for persons of Mexican, Puerto Rican, Cuban, or any other nationality which originated from and/or is based upon the Spanish/Portuguese cultures and languages, regardless of race.

JOURNEY LEVEL: A term used to describe a fully qualified worker in a trade.

METROPOLITAN STATISTICAL AREA (MSA) An integrated economic and social unit with a recognized population center which includes a city of specified population and the county in which it is located. Contiguous counties may be included when they meet the criteria of metropolitan character and integration with the central city.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT: Includes all full-time and part-time employees of all classes (including employees on paid vacation or paid sick leave) who work in or receive compensation from nonagricultural establishments for any part of the pay period including the 12th of the month. The employees involved in a labor-management dispute are excluded. This is a job count, and the data are available by industry.

OCCUPATION: The name or title of a job that identifies the various activities and functions of the worker.

OFFENDER: A person under local, state, or federal supervision resulting from criminal conviction by a court of law. Definitions of terms used in reference to offenders follow:

-- ADULT: A person 18 years of age or older at the time of committing a crime.

-- DISCHARGED: A person legally released from state or federal penal confinement and/or parole.

— FELON: A person convicted of a crime punishable with death or by imprisonment in a state prison.

— JUVENILE: A person under the age 18 at the time of committing a crime.

— PAROLEE: A person under supervision in the community after release from a local, state, or federal institution.

— PROBATION: A judicial requirement that a person fulfill certain conditions of behavior, in lieu of sentence to confinement, which may include a jail sentence.

OTHER (RACES): A racial category for persons not included in the following categories: the White; Black; American Indian, Eskimo, and Aleut; Asian and Pacific Islander; or Filipino categories.

OTHER (THAN HISPANIC) ORIGIN: An ethnic classification for persons with nationalities based on cultures and languages other than the Spanish/Portuguese, regardless of race.

POVERTY: This Bureau of the Census definition applies to all tables for which the 1980 Census is shown as the source.

— Families and unrelated individuals are classified as above or below the poverty level by comparing their total 1979 income to an income cutoff, or "poverty threshold." The income cutoffs vary by family size, number of children, and age of the family householder or unrelated individual. The poverty threshold for a family of four--two adults with two related children under 18—was $7,356 in the 1979 income year.

— Persons for whom poverty status was determined exclude inmates of institutions, members of the Armed Forces living in barracks, college students living in dormitories, and unrelated individuals under 15 years.

PUBLIC ASSISTANCE RECIPIENT: A member of a family which received cash welfare payments and/or nonmonetary benefit under federal, state, or local welfare programs. Definitions of terms used in reference to public assistance recipients follow.

— AID TO FAMILIES WITH DEPENDENT CHILDREN (AFDC): Public assistance to households with children and for children under foster care.

— FOOD STAMP RECIPIENT: A person receiving food stamp coupons that can be exchanged for groceries.

— GENERAL RELIEF: Public assistance to adults. Includes General Relief, Miscellaneous General Relief, Interim Assistance, and refugees who are time-ineligible to receive Refugee Cash Assistance.

— REFUGEE CASH ASSISTANCE: Public assistance to refugees who are eligible for payments during the first three years after entering the U.S.

— SUPPLEMENTAL SECURITY INCOME RECIPIENT: A disabled or retired person receiving supplemental security income payments from the federal government.

QUALIFIED APPLICANT: Meets the education, experience, and performance standards set by the employer.

SEASONAL FACTORS: Weather conditions, holidays, school schedules, etc., which cause fluctuations in business activity within individual and/or combinations of industries. These factors affect demand for employment.

SHORTAGE OF WORKERS: Too few applicants with the required experience and ability to fill openings in an occupation within a reasonable time.

STATIC LABOR MARKET: Unchanging market conditions which result in development of few openings, coupled with a correspondingly low number of applicants.

SUPPLEMENTAL SOCIAL SECURITY RECIPIENT: See Public Assistance Recipient.

SUPPLY OF WORKERS: Number of workers seeking employment, usually in reference to a specific occupation.

SURPLUS OF WORKERS: More applicants ready and willing to work than there are job openings.

UNEMPLOYMENT: Comprises all civilians who did not work during the survey week, who made specific efforts to find a job within the past four weeks, and who were available for work (except for temporary illness) during the survey week. Also included as unemployed are those who did not work at all, but were available for work, and (a) were waiting to be recalled to a job from which they had been laid off for a specific time or (b) had a new job to go to within thirty days.

UNEMPLOYMENT RATE: The unemployment rate is derived by dividing the number of unemployed by the civilian labor force.

VETERAN: A person who has served but is not now serving in the armed forces of the United States.

VIETNAM-ERA VETERAN: A person who served between August 4, 1964 and May 8, 1975, but is not now serving in the armed forces of the United States.

VOCATIONAL EDUCATION: Training programs for specific occupations (e.g., welder, bookkeeper, etc.).

WAGES: Entry wages are the starting wages for persons who generally have less than one year of experience. Experienced wages represent the starting wages generally paid to persons with approximately one to three years of experience.

WHITE: A racial classification for persons having origins in any of the original people of Europe, North Africa, or the Middle East.

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